



# KEAP1 Antibody, FITC conjugated

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA012147LC01HU                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Uniprot No.</b>         | Q14145                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>           | Recombinant Human Kelch-like ECH-associated protein 1 protein (1-624AA)                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tested Applications</b> | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Relevance</b>           | Acts as a substrate adapter protein for the E3 ubiquitin ligase complex formed by CUL3 and RBX1 and targets NFE2L2/NRF2 for ubiquitination and degradation by the proteasome, thus resulting in the suppression of its transcriptional activity and the repression of antioxidant response element-mediated detoxifying enzyme gene expression. Retains NFE2L2/NRF2 and may also retain BPTF in the cytosol. Targets PGAM5 for ubiquitination and degradation by the proteasome. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Conjugate</b>           | FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Alias</b>               | Kelch-like ECH-associated protein 1 (Cytosolic inhibitor of Nrf2) (INrf2) (Kelch-like protein 19), KEAP1, INRF2 KIAA0132 KLHL19                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Research Area</b>       | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Target Names</b>        | KEAP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |