



KEAP1 Antibody, Biotin conjugated

Product Code	CSB-PA012147LD01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q14145
Immunogen	Recombinant Human Kelch-like ECH-associated protein 1 protein (1-624AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	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.
Form	Liquid
Conjugate	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Kelch-like ECH-associated protein 1 (Cytosolic inhibitor of Nrf2) (INrf2) (Kelch-like protein 19), KEAP1, INRF2 KIAA0132 KLHL19
Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	KEAP1