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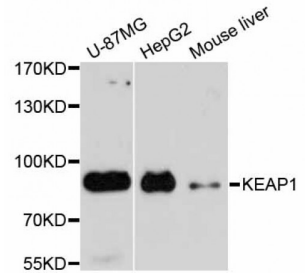
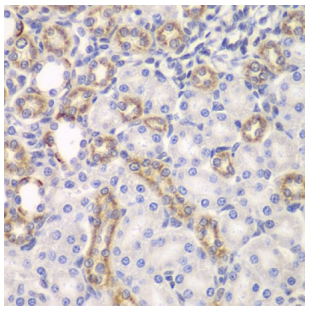
DATASHEET

Kelch Like ECH Associated Protein 1 (KEAP1) Antibody

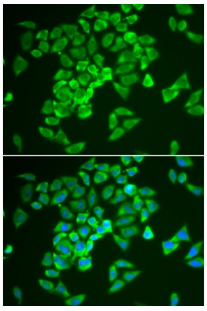
Catalogue No.:abx001504



Western blot analysis of extracts of various cell lines, using KEAP1 antibody (abx001504) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded rat kidney using KEAP1 antibody (abx001504) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of A549 cells using KEAP1 antibody (abx001504).

KEAP1 Antibody is a Rabbit Polyclonal antibody against KEAP1. This gene encodes a protein containing KELCH-1 like domains, as well as a BTB/POZ domain. Kelch-like ECH-associated protein 1 interacts with NF-E2-related factor 2 in a redox-sensitive manner and the dissociation of the proteins in the cytoplasm is followed by transportation of NF-E2-related factor 2 to the nucleus. This interaction results in the expression of the catalytic subunit of gamma-glutamylcysteine synthetase. Two alternatively spliced transcript variants encoding the same isoform have been found for this gene.

Target:	KEAP1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC, IF/ICC

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Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human KEAP1.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 69 kDa
Observed MW: 85 kDa

Swiss Prot: Q14145

GeneID: 9817

Gene Symbol: KEAP1

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.