

Rabbit KEAP1 Polyclonal Antibody | anti-KEAP1 antibody

KEAP1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198421	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

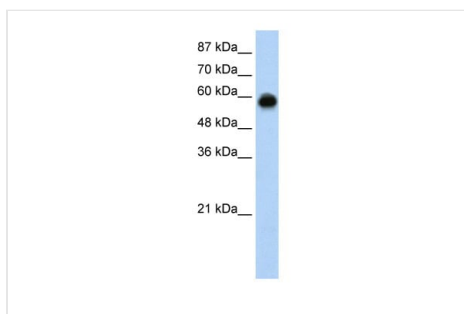
PRODUCT SYNONYMS

KEAP1; Polyclonal Antibody; KEAP1 antibody - C-terminal region; anti-KEAP1 antibody

PRODUCT SPECIFICATIONS

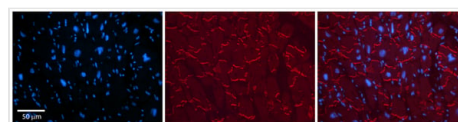
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HTFLDSVECYDP DTDWSEVTR MTSGRSGVGV AVTMEPCRKQ IDQQNCTC
Sequence Length	624
Applicable Applications for anti-KEAP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human KEAP1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



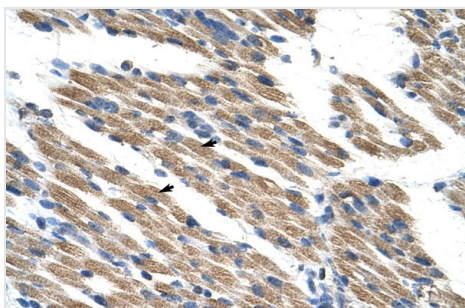
WB (Western Blot)

WB Suggested Anti-KEAP1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Transfected 293T



IHC (Immunohistochemistry)

Rabbit Anti-KEAP1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
Observed Staining: Cytoplasmic (within intercalated disks)
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5-2.0 sec
Protocol located in Reviews and Data.



IHC (Immunohistochemistry)
Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-KEAP1 antibody	This is a rabbit polyclonal antibody against KEAP1. It was validated on Western Blot and immunohistochemistry Target Description: 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.
Product Categories/Family for anti-KEAP1 antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Immunohistochemistry; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	146345444
NCBI GeneID	9817
NCBI Accession #	NP_987096
NCBI GenBank Nucleotide #	NM_203500
UniProt Accession #	Q14145
Molecular Weight	70kDa
NCBI Official Full Name	Kelch-like ECH-associated protein 1
NCBI Official Synonym Full Names	kelch like ECH associated protein 1
NCBI Official Symbol	KEAP1
NCBI Official Synonym Symbols	INrf2; KLHL19
NCBI Protein Information	kelch-like ECH-associated protein 1
UniProt Protein Name	Kelch-like ECH-associated protein 1
UniProt Gene Name	KEAP1
UniProt Synonym Gene Names	INRF2; KIAA0132; KLHL19; INrf2
UniProt Entry Name	KEAP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/keap1-antibody-immunohistochemistry-western-blot-elisa/198421>