

Rabbit anti-Human, Mouse Keap1 Monoclonal Antibody | anti-Keap1 antibody

Recombinant Keap1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178819	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Keap1; Monoclonal Antibody; Recombinant Keap1 Monoclonal Antibody; Cytosolic inhibitor of Nrf2; INrf 2; INrf2; Keap 1; KEAP1; Kelch like ECH associated protein 1; Kelch like family member 19; Kelch like protein 19; Kelch-like ECH-associated protein 1; Kelch-like protein 19; KIAA0132; KLHL 19; KLHL19; MGC10630; MGC1114; MGC20887; MGC4407; MGC9454; anti-Keap1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	R02-1H7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-Keap1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Keap1
Research Area	Cancer, Epigenetics and Nuclear Signaling
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical of Keap1 in Human breast cancer tissue using Keap1 antibody at dilution 1:20



WB (Western Blot)

Western blot detection of Keap1 in HeLa, A549, C2C12 cell lysates using Keap1 Rabbit mAb(1:1000 diluted). Predicted band size: 70kDa. Observed band size: 60-64kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Keap1 antibody

KEAP1, also named as INRF2, KIAA0132 and KLHL19, is part of a multiprotein complex that contains the CUL3-ROC1 ubiquitin ligase, which can ubiquitinate the N-terminal domain of NRF2. Two molecules of KEAP1 bind to two distinct sites in the N-terminal region of NRF2, the ETGE and DLG sites, which affect the KEAP1-NRF2 interaction and/or its physiological consequences. KEAP1 retains NFE2L2/NRF2 in the cytosol. It functions as substrate adapter protein for the E3 ubiquitin ligase complex formed by CUL3 and RBX1. It also retains BPTF in the cytosol. This antibody is mouse monoclonal antibody raised against residues near the C terminus of human KEAP1.

Product Categories/Family for anti-Keap1 antibody

Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	146345444
NCBI GeneID	9817
UniProt Accession #	Q14145; Q6LEP0; Q8WTX1; Q9BPY9; B3KPD5
Molecular Weight	624
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; kelch-like protein 19; cytosolic inhibitor of Nrf2; kelch-like family member 19
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://stage.aaabiotech.com/monoclonal/keap1-antibody-clone-r02-1h7-immunohistochemistry-western-blot-elisa/178819>