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Product Data Sheet

Anti-KEAP1 Antibody

Catalog #	Source	Reactivity	Applications
CQA8195	Rabbit	H, M	WB, IH

Description	Rabbit monoclonal antibody to KEAP1
Immunogen	Recombinant protein of human Keap1
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of KEAP1 protein.
Clonality	Monoclonal
Conjugation	
Form	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)
Gene Symbol	KEAP1
Alternative Names	INRF2; KIAA0132; KLHL19; Kelch-like ECH-associated protein 1; Cytosolic inhibitor of Nrf2; INrf2; Kelch-like protein 19
Entrez Gene	9817 (Human); 50868 (Mouse)
SwissProt	Q14145 (Human); Q9Z2X8 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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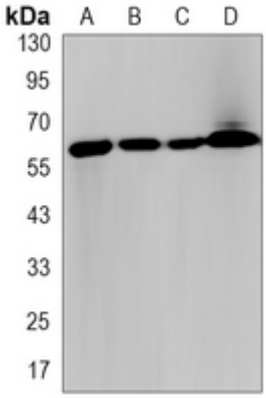
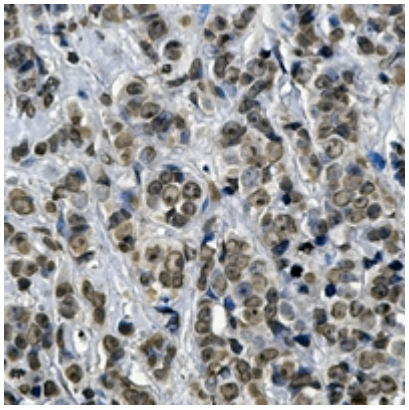


Western blot analysis of KEAP1 expression in Raw264.7 (A), Hela (B), A549 (C), C2C12 (D) whole cell lysates. (Predicted band size: 70 kD; Observed band size: 60-64 kD)



Immunohistochemical analysis of KEAP1 staining in human breast carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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