

Product Datasheet

Anti-KEAP1 Antibody (orb1289735)

Catalog Number	orb1289735
Description	Rabbit Polyclonal antibody to KEAP1
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IH, WB
Immunogen	Recombinant protein corresponding to human KEAP1. The exact sequence is proprietary.
Target	KEAP1
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	Q9Z2X8, Q14145
Entrez	50868, 9817

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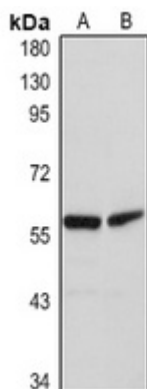
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Dilution Range

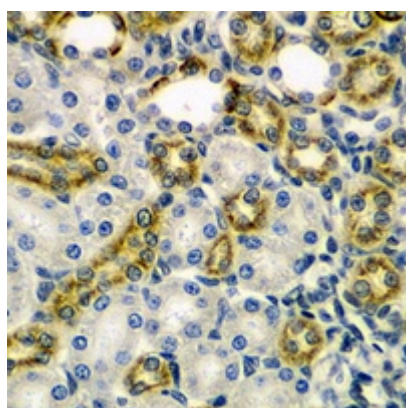
WB: 1:500-1:1000, IH: 1:50-1:200, IF/IC: 1:50-1:200

Expiration Date

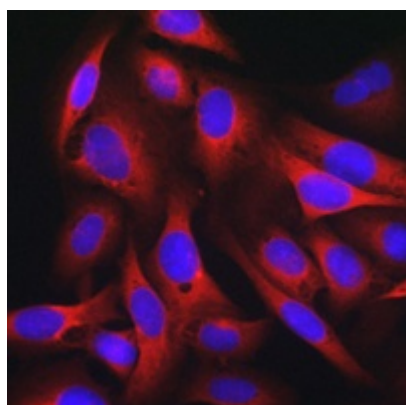
12 months from date of receipt.



Western blot analysis of KEAP1 expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 69 kD; Observed band size: 60 kD)



Immunohistochemical analysis of KEAP1 staining in rat kidney 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.



Immunofluorescent analysis of KEAP1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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