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Research Use Only. Not for diagnostic or therapeutic use.

EB10963 - Goat Anti-KEAP1 (aa41-53) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KEAP1, kelch-like ECH-associated protein 1, INrf2, KIAA0132, KLHL19, MGC10630, MGC1114, MGC20887, MGC4407, cytosolic inhibitor of Nrf2,

kelch-like protein 19
Official Symbol: KEAP1

Accession Number(s): NP_036421.2

Human GeneID(s): 9817

Non-Human GenelD(s): 50868 (mouse), 117519 (rat)

Important Comments: Reported variants represent identical protein: NP_036421.2,

NP_987096.1

Immunogen

Peptide with sequence C-EVTPSQHGNRTFS, from the internal region (near N Terminus) of the protein sequence according to NP_036421.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

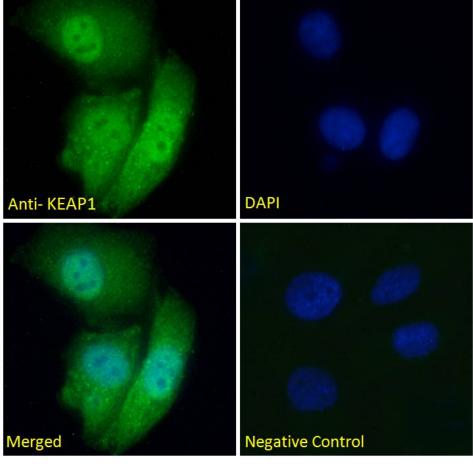
IHC: In paraffin embedded Human Cerebellum shows textured cytoplasm staining in Purkinje cell and processes. Recommended concentration: 3-5µg/ml.

Immunofluorescence: Strong expression of the protein seen in the nucleus and cytoplasm of HeLa cells. Recommended concentration: 5µg/ml.

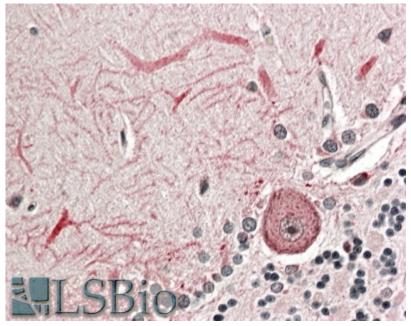
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB10963 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB10963 (3.8 μ g/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.