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Research Use Only. Not for diagnostic or therapeutic use.

EB05454-T - Goat Anti-HPK1 / MAP4K1 Antibody -

Size: 20µg specific antibody in 40µl

Target Protein

Principal Names: MAP4K1, mitogen-activated protein kinase kinase kinase kinase 1,

HPK1, hematopoietic progenitor kinase 1

Official Symbol: MAP4K1

Accession Number(s): NP_001036065.1; NP_009112.1

Human GeneID(s): 11184

Important Comments: This antibody is expected to recognise isoform 1

(NP_001036065.1) and isoform 2 (NP_009112.1).

Immunogen

Peptide with sequence DVVDPDIFNRDPR-C, from the N Terminus of the protein sequence according to NP_001036065.1; NP_009112.1.

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.

Western blot: Approx 95-100kDa band observed in Jurkat (predicted MW of 96kDa

according to NP_009112). Recommended for use at 0.5-2µg/ml.

IHC: Paraffin embedded Human Thymus. Recommended concentration: 2.5µg/ml.

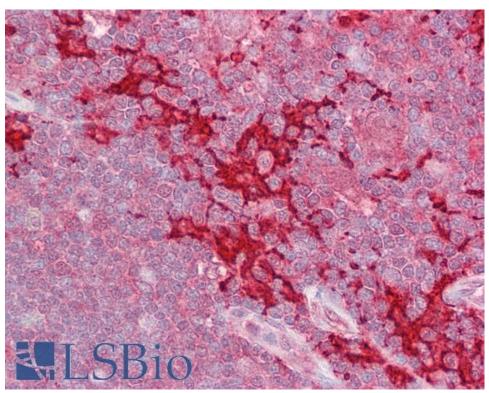
Species Reactivity

Tested: Human

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



EB05454 staining (0.5µg/ml) of Jurkat lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB05454 (2.5 μ g/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.