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Research Use Only. Not for diagnostic or therapeutic use.

EB10922 - Goat Anti-Itih4 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Itih4, inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein), H4P, IHRP, ITIHL1, PK120, ITI heavy chain H4, ITI-HC4, OTTMUSP00000032461, PK-120, gp120, inter-alpha-inhibitor heavy chain 4, inter-alpha-trypsin inhibitor family heavy chain-related protein, inter-alpha-trypsin inhibitor heavy chain H4, inter-alpha-trypsin inhibitor, heavy chain-like, 1, inter-alpha-trypsin inhibitor, heavy chain-related protein, plasma kallikrein sensitive glycoprotein 120, plasma kallikrein-sensitive glycoprotein 120

Official Symbol: Itih4

Accession Number(s): NP_061216.2; NP_001152771.1 Non-Human GenelD(s): 16427 (mouse), 54404 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_002209.2; NP_001159921.1).

Immunogen

Peptide with sequence C-KPEGQEQFQVAEKP, from the internal region of the protein sequence according to NP_061216.2; NP_001152771.1.

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 100kDa band observed in Rat Liver lysates (calculated MW of 104kDa according to Rat NP_062242.2). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Rat

Expected from sequence similarity: Mouse, Rat

250kDa 150kDa 100kDa 75kDa 50kDa

37kDa

25kDa

20kDa

15kDa

 $EB10922~(0.03\mu g/ml)~staining~of~Rat~Liver~lysate~(35\mu g~protein~in~RIPA~buffer).~Primary~incubation~was~1~hour.$ Detected by chemiluminescence.