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Research Use Only. Not for diagnostic or therapeutic use.

EB06230 - Goat Anti-4E-T / EIF4ENIF1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EIF4ENIF1, 4E-T, Clast4, FLJ21601, 2610509L04Rik, eukaryotic translation initiation factor 4E nuclear import factor 1, eIF4E-transporter, FLJ26551,

OTTHUMP0000063276
Official Symbol: EIF4ENIF1

Accession Number(s): NP_062817.2; NP_001157974.1

Human GeneID(s): 56478

Non-Human GenelD(s): 74203 (mouse)

Important Comments: This antibody is expected to recognise isoform 1 (NP_062817.2)

and isoform b (NP_001157974.1). Reported variants represent identical protein

(NP_062817.2; NP_001157973.1).

Immunogen

Peptide with sequence C-AKVISVDELEYRQ, from the C Terminus of the protein sequence according to NP_062817.2; NP_001157974.1.

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.

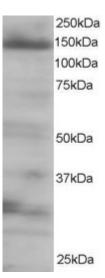
Western blot: Approx 140-150kDa band observed in 293 lysates (predicted size of approx. 108kDa according to NP_062817.1, however our observation agrees with that of Dostie et al (see below)). Recommended for use at 0.25-0.5µg/ml

IHC: In paraffin embedded Human Pancreas shows strong staining of cytoplasm in acinar cells-. Recommended concentration, 5-10µg/ml.

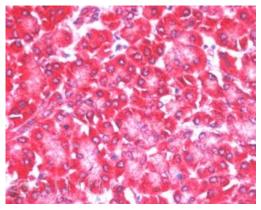
Species Reactivity

Tested: Human

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



EB06230 staining (0.25μg/ml) of 293 lysate (RIPA buffer, 35μg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB06230 (5µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.