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EB12188 - Goat Anti-EEF1E1 / AIMP3 / p18 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EEF1E1, eukaryotic translation elongation factor 1 epsilon 1, AIMP3, P18, ARS-interacting multifunctional protein 3, aminoacyl tRNA synthetase complex-interacting multifunctional protein 3, eukaryotic translation elongation factor 1 epsilon-1,

Official Symbol: EEF1E1

Accession Number(s): NP_004271.1; NP_001129122.1

Human GeneID(s): 9521

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

(NP_004271.1; NP_001129122.1).

Immunogen

Peptide with sequence C-SKGNKYSAQGERQ, from the internal region (near N Terminus) of the protein sequence according to NP_004271.1; NP_001129122.1.

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 1:128000.

Western blot: Approx 19kDa band observed in lysates of cell lines HepG2 and K562 (calculated MW of 19.8kDa according to NP_004271.1) and in Pig Testis lysates (calculated MW of 19.8kDa according to NP_001230474.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Pancreas. Recommended concentration: 5µg/ml.

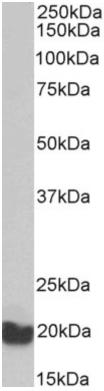
Species Reactivity

Tested: Human, Pig

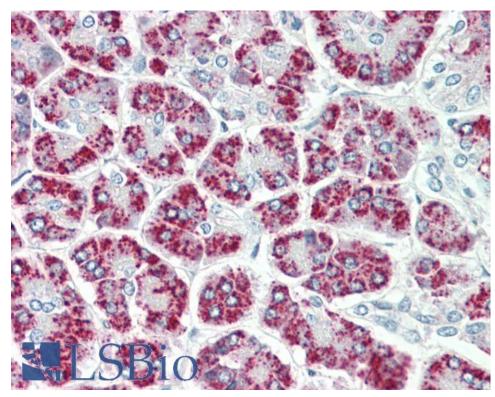
Expected from sequence similarity: Human, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB12188 ($0.1\mu g/ml$) staining of K562 lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.



EB12188 (0.3µg/ml) staining of Pig Testis lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12188 ($5\mu g/ml$) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.