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Research Use Only. Not for diagnostic or therapeutic use.

EB11512 - Goat Anti-AIMP1 / SCYE1 (aa137-149) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AIMP1, aminoacyl tRNA synthase complex-interacting multifunctional protein 1, aminoacyl tRNA synthetase complex-interacting multifunctional protein 1, ARS-interacting multifunctional protein 1, EMAP2, EMAPII, endothelial monocyte-activating polypeptide 2, endothelial-monocyte activating polypeptide II, HLD3, multisynthase complex auxiliary component p43, multisynthetase complex auxiliary component p43, OTTHUMP00000161877, OTTHUMP00000161878, OTTHUMP00000219673, p43, SCYE1, small inducible cytokine subfamily E, member 1

Official Symbol: AIMP1

Accession Number(s): NP_004748.2; NP_001135888.1

Human GenelD(s): 9255

Important Comments: This antibody is expected to recognize both reported isoforms (NP_004748.2; NP_001135888.1). Reported variants represent identical protein:

NP_004748.2, NP_001135887.1

(endothelial monocyte-activating)

Immunogen

Peptide with sequence C-KQQSIAGSADSKP, from the internal region of the protein sequence according to NP_004748.2; NP_001135888.1.

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 37kDa band observed in Human Lymph Node and Uterus lysates (calculated MW of 37.0kDa according to NP_001135887.1). Recommended

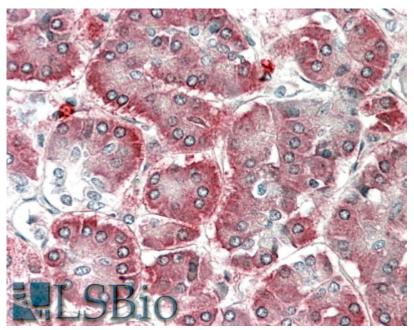
concentration: 0.1-0.3µg/ml.

IHC: In paraffin embedded Human Pancreas shows staining in the cytoplasm towards the alpha cells periphery. Recommended concentration, 5-10µg/ml.

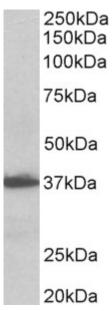
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Pig



EB11512 ($5\mu g/ml$) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB11512 (0.1 μ g/ml) staining of Human Lymph Node lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.