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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06689 - Goat Anti-MEPI / SERPINI2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SERPINI2, MEPI, PI14, PANCIN, TSA2004, SERPIN12, serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 2, serpin peptidase inhibitor, clade I (pancain), member 2, myoepithelium-derived serine protease inhibitor, protease inhibitor 14, serine (or cysteine) proteinase inhibitor, clade I (pancain), member 2

Official Symbol: SERPINI2

Accession Number(s): NP_006208.1; NP_001012303.1

Human GeneID(s): [5276](#)

Non-Human GeneID(s): 67931 (mouse), 171149 (rat)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_006208.1; NP_001012303.1).

Immunogen

Peptide with sequence C-KGDWKQKFRKEDTQ, from the internal region of the protein sequence according to NP_006208.1; NP_001012303.1.

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 1:64000.

Western blot: Approx 40kDa band observed in Human Pancreas lysates (calculated MW of 46.1kDa according to NP_006208.1 and 47.4kDa according to NP_001012303.1).

Recommended concentration: 0.3-1µg/ml.

IHC: In paraffin embedded Human Pancreas, shows cytoplasmic staining of acinar cells and of rare cells in the islets of Langerhans. Recommended concentration, 3µg/ml.

Species Reactivity

Tested: Human

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

Specific Reference

This antibody has been successfully used in the following paper:

Wehr AY, Furth EE, Sangar V, Blair IA, Yu KH.

Analysis of the human pancreatic stellate cell secreted proteome.

Pancreas. 2011 May;40(4):557-66.

PMID: 21499210

EB06689 (0.3µg/ml) staining of Human Pancreas lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB06689 (3µg/ml) staining of paraffin embedded Human Pancreas. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining