

Goat anti-MEPI / SERPINI2 Antibody

Item Number	dAP-0676
Target Molecule	Principle Name: MEPI / SERPINI2; Official Symbol: SERPINI2; All Names and Symbols: SERPINI2; MEPI; PI14; PANCPIN; TSA2004; SERPIN12; serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 2; serpin peptidase inhibitor, clade I (pancpin), member 2; myoepithelium-derived serine protease inhibitor; protease inhibitor 14; ; Accession Number (s): NP_006208.1; NP_001012303.1; Human Gene ID (s): 5276; Non-Human GenelD(s): 67931 (mouse) 171149 (rat)
Immunogen	KGDWKQKFRKEDTQ, is from internal region This antibody is expected to recognise both reported isoforms (NP_006208.1; NP_001012303.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	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	Immunohistochemistry: In paraffin embedded Human Pancreas, shows cytoplasmic staining of acinar cells and of rare cells in the islets of Langerhans. Recommended concentration, 3µg/ml.
Reference	Reference(s): Ozaki K, Nagata M, Suzuki M, Fujiwara T, Miyoshi Y, Ishikawa O, Ohigashi H, Imaoka S, Takahashi E, Nakamura Y. Isolation and characterization of a novel human pancreas-specific gene, pancpin, that is down-regulated in pancreatic cancer cells. <i>Genes Chromosomes Cancer</i> . 1998 Jul;22(3):179-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**