

## Goat anti-MEPI / SERPINI2 Antibody

<b>Item Number</b>	dAP-0676
<b>Target Molecule</b>	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 GeneID(s): 67931 (mouse) 171149 (rat)
<b>Immunogen</b>	KGDWKQKFRKEDTQ, is from internal region This antibody is expected to recognise both reported isoforms (NP_006208.1; NP_001012303.1).
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	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.
<b>IHC</b>	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.
<b>Reference</b>	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. Genes Chromosomes Cancer. 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 ender users! This product is sold for **Research Use Only**