

Goat anti-PTGIS / CYP8A1 (aa248-258) Antibody

Item Number	dAP-3374
Target Molecule	Principle Name: PTGIS / CYP8A1 (aa248-258); Official Symbol: PTGIS; All Names and Symbols: PTGIS; prostaglandin I2 (prostacyclin) synthase; CYP8; CYP8A1; PGIS; PTGI; cytochrome P450, family 8, subfamily A, polypeptide 1; prostacyclin synthase; prostaglandin I2 synthase; Accession Number (s): NP_000952.1; Human Gene ID(s): 5740; Non-Human GeneID(s):
Immunogen	RRAHRSKWLES, is from internal region
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Lung and Human Ovary lysates (calculated MW of 57.1kDa according to NP_000952.1). Recommended concentration: 0.5-1.5µg/ml.
IHC	
Reference	Reference(s): Gurgul-Convey E, Lenzen S. Protection against cytokine toxicity through endoplasmic reticulum and mitochondrial stress prevention by prostacyclin synthase overexpression in insulin-producing cells. The Journal of biological chemistry 2010 Apr 285 (15): 11121-8..PMID: 20159982->

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**