

Goat anti-PACE4 Antibody

Item Number	dAP-1617
Target Molecule	Principle Name: PACE4; Official Symbol: PCSK6; All Names and Symbols: PCSK6; proprotein convertase subtilisin/kexin type 6; PACE4; SPC4; paired basic amino acid cleaving system 4; subtilisin-like proprotein convertase 4; subtilisin-like protease; subtilisin/kexin-like protease PACE4; Accession Number (s): NP_002561.1; NP_612192.1; NP_612195.1; NP_612197.1; NP_612196.1; NP_612198.2; NP_612193.1; NP_612194.1; Human Gene ID(s): 5046; Non-Human GeneID(s): 18553 (mouse) 25507 (rat)
Immunogen	PDCEPGTYFDSE, is from internal region This antibody is expected to recognize reported isoforms a, b, g, h (NP_002561.1; NP_612192.1; NP_612193.1; NP_612194.1 resp.).
Applications	Pep ELISA, 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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx. 70kDa band in Human, Mouse and Rat Liver lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated
IHC	Immunohistochemistry: Paraffin embedded Human Testis and Skeletal Muscle. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Jin W, Wang X, Millar JS, Quertermous T, Rothblat GH, Glick JM, Rader DJ. Hepatic proprotein convertases modulate HDL metabolism. <i>Cell Metab.</i> 2007 Aug;6(2):129-36. PMID: 17681148->

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**