

Goat anti-TMPRSS4 Antibody

Item Number	dAP-1535
Target Molecule	Principle Name: TMPRSS4; Official Symbol: TMPRSS4; All Names and Symbols: transmembrane protease, serine 4; MT-SP2; TMPRSS3; membrane-type serine protease 2; transmembrane serine protease 3; type II membrane serine protease; Accession Number (s): NP_063947.1; NP_001077416.1; Human Gene ID(s): 56649; Non-Human GeneID(s): 214523 (mouse)
Immunogen	DSTRCNADDAYQGE, is from internal region This antibody is expected to recognize both reported isoforms (NP_063947.1 and NP_001077416.1).
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 1000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Bone Marrow lysates (calculated MW of 48.2kDa according to NP_063947.1 and of 47.6kDa according to NP_001077416.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Dawelbait G, Winter C, Zhang Y, Pilarsky C, Grutzmann R, Heinrich JC, Schroeder M. Structural templates predict novel protein interactions and targets from pancreas tumour gene expression data. Bioinformatics. 2007 Jul 1;23(13):i115-24..PMID: 17646287 ->

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**