

Goat anti-TMPRSS4 (aa245-57) Antibody

Item Number	dAP-1750
Target Molecule	Principle Name: TMPRSS4 (aa245-57); Official Symbol: TMPRSS4; All Names and Symbols: TMPRSS3; transmembrane protease, serine 4; MT-SP2; 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 GenelD(s):
Immunogen	HCFRKHTDVFNWK, is from internal region This antibody is expected to recognise 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 lysates of cell lines HEK293 and A549 (calculated MW of 48.2kDa according to NP_063947.1). Recommended concentration: 0.3-1µg/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 end users! This product is sold for **Research Use Only**