

## Goat anti-TMPRSS4 (aa245-57) Antibody

<b>Item Number</b>	dAP-1750
<b>Target Molecule</b>	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 GeneID(s):
<b>Immunogen</b>	HCFRKHTDVFNWK, is from internal region This antibody is expected to recognise both reported isoforms (NP_063947.1 and NP_001077416.1).
<b>Applications</b>	Pep ELISA, WB  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 1000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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**