



## Goat anti-Spinesin / TMPRSS5 Antibody

<b>Item Number</b>	dAP-0054
<b>Target Molecule</b>	Principle Name: Spinesin / TMPRSS5; Official Symbol: TMPRSS5; All Names and Symbols: TMPRSS5; SPINESIN; transmembrane protease, serine 5 (spinesin); MGC141886; MGC148044; SPINESIN; Accession Number (s): NP_110397.2; Human Gene ID(s): 80975; Non-Human GeneID(s):
<b>Immunogen</b>	LDWIHDTAQDSSL, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC 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 32000.
<b>Western Blot</b>	Western Blot: Experiments gave bands at approx 50kDa and 29kDa in Human Brain (Cerebral Cortex). These bands correspond to earlier findings in literature with different antibodies (Yamaguchi et al, J Biol Chem. 2002 Mar 1;277(9):6806-12; PMID: 11741986).
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Liver and Small Intestine. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Yamaguchi N, Okui A, Yamada T, Nakazato H, Mitsui S. Spinesin/TMPRSS5, a novel transmembrane serine protease, cloned from human spinal cord. J Biol Chem. 2002 Mar 1;277(9):6806-12..PMID: 11741986->

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**