

## Polyclonal Antibody to TESSP2 (Center) - Aff - Purified

<b>Alternate names:</b>	PRSS42, Serine protease 42
<b>Catalog No.:</b>	AP54221PU-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.25 mg/ml
<b>Background:</b>	TESSP2 (testis serine protease 2) is a 293 amino acid secreted protein that belongs to the peptidase S1 family. TESSP2 contains one peptidase S1 domain and is encoded by a gene mapping to human chromosome 3p21.31. Chromosome 3 houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.
<b>Uniprot ID:</b>	<a href="#">Q7Z5A4</a>
<b>NCBI:</b>	<a href="#">NP_874361</a>
<b>GeneID:</b>	<a href="#">339906</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 111-130 amino acids from the Central region of human TESSP2
<b>Format:</b>	<b>State:</b> Liquid Ig fraction <b>Purification:</b> Protein A column followed by peptide affinity purification <b>Buffer System:</b> PBS with 0.09% (W/V) sodium azide
<b>Applications:</b>	ELISA: 1:1;000. Western blot: 1:100~500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects TESSP2 (Center).
<b>Species Reactivity:</b>	<b>Tested:</b> Human
<b>Add. Information:</b>	<b>Molecular Weight:</b> 32006 Da
<b>Storage:</b>	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Puente, X.S., et al. Nat. Rev. Genet. 4(7):544-558(2003).

Pictures:

TESSP2 Antibody (Center) (Cat. AP54221PU-N) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the TESSP2 antibody detected the TESSP2 protein (arrow).

