

OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

AP54221PU-N OriGene EU

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

Polyclonal Antibody to TESSP2 (Center) - Aff - Purified

Alternate names:	PRSS42, Serine protease 42	
Catalog No.:	AP54221PU-N	
Quantity:	0.1 mg	
Concentration:	0.25 mg/ml	
Background:	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.	
Uniprot ID:	<u>Q7Z5A4</u>	
NCBI:	<u>NP_874361</u>	
GenelD:	<u>339906</u>	
Host / Isotype:	Rabbit / Ig	
Immunogen:	KLH conjugated synthetic peptide between 111-130 amino acids from the Central region of human TESSP2	
Format:	State: Liquid Ig fraction Purification: Protein A column followed by peptide affinity purification Buffer System: PBS with 0.09% (W/V) sodium azide	
Applications:	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.	
Specificity:	This antibody detects TESSP2 (Center).	
Species Reactivity:	Tested: Human	
Add. Information:	Molecular Weight: 32006 Da	
Storage:	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.	
General Readings:	1. Puente, X.S., et al. Nat. Rev. Genet. 4(7):544-558(2003).	

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com OG/20130514



Pictures:	TI	
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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).

A	549
72	1
55	
36	
28	•4

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