

Rabbit PTDSS2 Polyclonal Antibody | anti-PTDSS2 antibody

PTDSS2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200054	Rabbit	Tested Reactivity: Human (Predicted Reactivity: Dog, Guinea Pig, Horse, Human, Mouse, Rat)	Western Blot

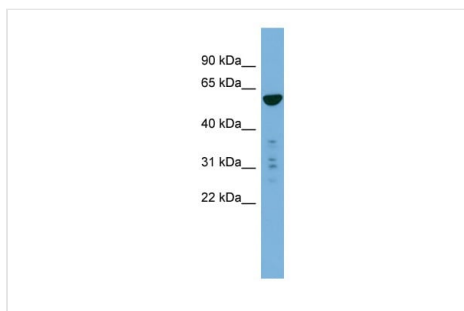
PRODUCT SYNONYMS

PTDSS2; Polyclonal Antibody; PTDS2 antibody - N-terminal region; anti-PTDSS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human (Predicted Reactivity: Dog, Guinea Pig, Horse, Human, Mouse, Rat)
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: GQ ATGPGEGRRS TESEVYDDGT NTFFWRAHTL TVLFILTCTL GYVTLLEE
Sequence Length	487
Applicable Applications for anti-PTDSS2 antibody	WB (Western Blot)
Homology	Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PTDS2
Protein Size(#AA)	487 amino acids
Protein Interactions	HNRNPR; ILF3; UBC
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PTDSS2 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: 293T cell lysate
 PTDS2 is supported by BioGPS gene expression data to be expressed in HEK293T

ADDITIONAL INFORMATION

Related Product Information for anti-PTDSS2 antibody	This is a rabbit polyclonal antibody against PTDSS2. It was validated on Western Blot Target Description: Phosphatidylserine (PS) accounts for 5 to 10% of cell membrane phospholipids. In addition to its role as a structural component, PS is involved in cell signaling, blood coagulation, and apoptosis. PS is synthesized by a calcium-dependent base-exchange reaction catalyzed by PS synthases (EC 2.7.8.8), like PTDSS2, that exchange L-serine for the polar head group of phosphatidylcholine (PC) or phosphatidylethanolamine (PE) (Sturbois-Balcerzak et al., 2001 [PubMed 11084049]).
Product Categories/Family for anti-PTDSS2 antibody	Polyclonal; Cell Biology; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540555
NCBI GeneID	81490
NCBI Accession #	NP_110410
NCBI GenBank Nucleotide #	NM_030783
UniProt Accession #	Q9BVG9
Molecular Weight	56kDa
NCBI Official Full Name	phosphatidylserine synthase 2 isoform 2
NCBI Official Synonym Full Names	phosphatidylserine synthase 2
NCBI Official Symbol	PTDSS2
NCBI Official Synonym Symbols	PSS2
NCBI Protein Information	phosphatidylserine synthase 2
UniProt Protein Name	Phosphatidylserine synthase 2
UniProt Gene Name	PTDSS2
UniProt Synonym Gene Names	PSS2; PSS-2; PtdSer synthase 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ptdss2-antibody-western-blot-elisa/200054>