

Datasheet for ABIN2783985
anti-PTDSS2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PTDSS2
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Guinea Pig, Mouse, Rat, Horse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PTDSS2
Sequence:	GQATGPGEGR RSTESVYDD GTNTFFWRAH TLTVLFILTC TLGYVTLL EE
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PTDSS2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PTDSS2
Alternative Name:	PTDSS2 (PTDSS2 Products)
Background:	Phosphatidylserine (PS) accounts for 5 to 10 % of cell membrane phospholipids. In addition to

Target Details

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 PTSS2, that exchange L-serine for the polar head group of phosphatidylcholine (PC) or phosphatidylethanolamine (PE) (Sturbois-Balcerzak et al., 2001 [PubMed 11084049]).

Alias Symbols: FLJ46373, PSS2

Protein Interaction Partner: HNRNPR, ILF3, UBC,

Protein Size: 487

Molecular Weight: 56 kDa

Gene ID: 81490

NCBI Accession: [NM_030783](#), [NP_110410](#)

UniProt: [Q9BVG9](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 487 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

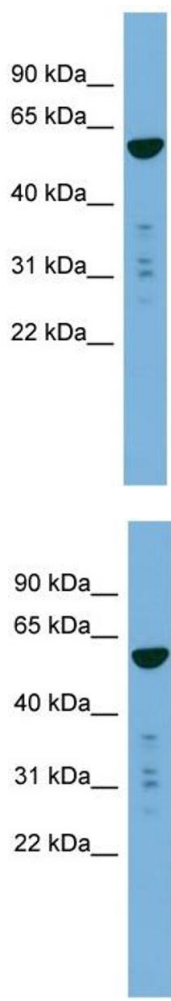
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PTDSS2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate PTDSS2 is supported by BioGPS gene expression data to be expressed in HEK293T

Western Blotting

Image 2. WB Suggested Anti-PTDSS2 Antibody Titration: 0.2-1 μ g/mL ELISA Titer: 1::12500 Positive Control: 93T cell lysate PTDSS2 is supported by BioGPS gene expression data to be expressed in HEK293T