

Datasheet for ABIN7118505 **anti-RHBDD1 antibody**



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Overview

Quantity:	100 µg
Target:	RHBDD1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHBDD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	rhomboid domain containing 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	RHBDD1
Alternative Name:	RHBDD1 (RHBDD1 Products)
Background:	Synonyms:RHBDL4 Background:Intramembrane-cleaving serine protease that cleaves single transmembrane or multi-pass membrane proteins in the hydrophobic plane of the membrane, luminal loops and juxtamembrane regions. Involved in regulated intramembrane proteolysis and the subsequent release of functional polypeptides from their membrane anchors.

Target Details

Functional component of endoplasmic reticulum-associated degradation(ERAD) for misfolded membrane proteins. Required for the degradation process of some specific misfolded endoplasmic reticulum(ER) luminal proteins. Participates in the transfer of misfolded proteins from the ER to the cytosol, where they are destroyed by the proteasome in a ubiquitin-dependent manner. Functions in BIK, MPZ, PKD1, PTCRA, RHO, STEAP3 and TRAC processing. Involved in the regulation of exosomal secretion, inhibits the TSAP6-mediated secretion pathway. Involved in the regulation of apoptosis, modulates BIK-mediated apoptotic activity. Also plays a role in the regulation of spermatogenesis, inhibits apoptotic activity in spermatogonia.

Molecular Weight: 36 kDa

Gene ID: 84236

UniProt: [Q8TEB9](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months