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Datasheet for ABIN500589
anti-RHBDD1 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	RHBDD1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHBDD1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	RHBDD1 antibody was raised against a 14 amino acid peptide from near the carboxy terminus of human RHBDD1.
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Peptide affinity chromatography

Target Details

Target:	RHBDD1
Alternative Name:	RHBDD1 (RHBDD1 Products)
Background:	The Rhomboid family of proteins is made up of several widely conserved polytopic membrane

Target Details

serine proteases that play roles in growth and development. RHBDD1 is highly expressed in the testis and is involved in the cleavage of BIK, a proapoptotic member of the Bcl-2 family. Overexpression or suppression by RNAi of RHBDD1 in 293 cells will reduce or enhance BIK-mediated apoptosis, respectively, demonstrating that RHBDD1 modulates BIK-mediated apoptotic activity. In GC-1 cells, a spermatogonia cell line that can differentiate into spermatids within the seminiferous tubules, suppression of RHBDD1 expression by RNAi caused the cells to lose the ability to survive and differentiate in mouse seminiferous tubules, suggesting that RHBDD1 may be associated with mammalian spermatogenesis. Synonyms: HSD-50, HSD50, Rhomboid domain-containing protein 1

Gene ID: 84236

UniProt: [Q8TEB9](#)

Application Details

Application Notes: ELISA. Western blot: 1 - 2 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide

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 freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.