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Datasheet for ABIN5675753
anti-TESPA1 antibody (AA 231-330) (Biotin)

Overview

Quantity:	100 µL
Target:	TESPA1
Binding Specificity:	AA 231-330
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TESPAl antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TESPAl
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TESPA1
Alternative Name:	TESPA1 (TESPA1 Products)

Target Details

Background:	<p>Synonyms: Protein TESPA1, TESPA1, Thymocyte-expressed positive selection-associated protein 1, KIAA0748, HSPC257</p> <p>Background: Required for the development and maturation of T-cells, its function being essential for the late stages of thymocyte development (By similarity). Plays a role in T-cell antigen receptor (TCR)-mediated activation of the ERK and NFAT signaling pathways, possibly by serving as a scaffolding protein that promotes the assembly of the LAT signalosome in thymocytes. May play a role in the regulation of inositol 1,4,5-trisphosphate receptor-mediated Ca²⁺ release and mitochondrial Ca²⁺ uptake via the mitochondria-associated endoplasmic reticulum membrane (MAM) compartment.</p>
Gene ID:	9840
UniProt:	A2RU30

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months