

Datasheet for ABIN6980542

anti-TESPA1 antibody (AA 231-330) (AbBy Fluor® 647)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TESPA1
Binding Specificity:	AA 231-330
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TESPA1 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TESPA1
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:	Synonyms: Protein TESPA1, TESPA1, Thymocyte-expressed positive selection-associated protein 1, KIAA0748, HSPC257 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.
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Gene ID:	9840
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UniProt:	A2RU30
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months