

Rabbit anti-Human TESPA1 Polyclonal Antibody | anti-TESPA1 antibody

TESPA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40500	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TESPA1; Polyclonal Antibody; TESPA1 Antibody; HSPC257; KIAA0748; Protein TESPA1; Thymocyte-expressed positive selection-associated protein 1; thymocyte expressed; positive selection associated 1; anti-TESPA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TESPA1 antibody is human specific. At least three isoforms TESPA1 are known to exist.
Purity/Purification	TESPA1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid ; TESPA1 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	521
Applicable Applications for anti-TESPA1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	TESPA1 antibody was raised against an 18 amino acid peptide near the amino terminus of human TESPA1. The immunogen is located within amino acids 20 - 70 of TESPA1.
Preparation and Storage	TESPA1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

IMAGES



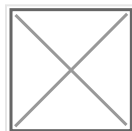
IF (Immunofluorescence)

Immunofluorescence of TESPA1 in A431 cells with TESPA1 antibody at 20 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of TESPA1 in A431 cells with TESPA1 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of TESPA1 in A431 cell lysate with TESPA1 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TESPA1 antibody	TESPA1 is a critical component of the TCR signalosome and is essential for T cell selection and maturation through the regulation of TCR signaling during T cell development (1). TESPA1 encodes a protein of 458 amino acids and is highly conserved among vertebrate species (2). TESPA1 expression was tightly regulated during T cell development, with highest expression at the DP stage (3). TESPA1 deficiency resulted in failure of positive selection and substantially fewer of CD4+ and CD8+ SP cells in the thymus (1,4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209862861
NCBI GeneID	9840
NCBI Accession #	NP_001129502
NCBI GenBank Nucleotide #	NM_001136030.2
UniProt Accession #	A2RU30; O94849; Q4G0P2; Q9P0C4; B4DPM3; B4E048; B7Z9K7
Molecular Weight	Predicted: 57 kDa Observed: 60 kDa
NCBI Official Full Name	protein TESPA1 isoform 1
NCBI Official Synonym Full Names	thymocyte expressed, positive selection associated 1
NCBI Official Symbol	TESPA1
NCBI Official Synonym Symbols	HSPC257; KIAA0748
NCBI Protein Information	protein TESPA1; thymocyte-expressed positive selection-associated protein 1
UniProt Protein Name	Protein TESPA1
UniProt Gene Name	TESPA1
UniProt Synonym Gene Names	KIAA0748
UniProt Entry Name	TESP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tespa1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40500>