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Datasheet for ABIN7166177

**anti-TESPA1 antibody (AA 251-521) (HRP)**

## Overview

Quantity:	100 µg
Target:	TESPA1
Binding Specificity:	AA 251-521
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TESPA1 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Protein TESPA1 protein (251-521AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	TESPA1
Alternative Name:	TESPA1 ( <a href="#">TESPA1 Products</a> )
Background:	Background: Required for the development and maturation of T-cells, its function being essential for the late stages of thymocyte development. Plays a role in T-cell antigen receptor

## Target Details

(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 Ca(2+) release and mitochondrial Ca(2+) uptake via the mitochondria-associated endoplasmic reticulum membrane (MAM) compartment.

Aliases: TESPA1 antibody, KIAA0748 antibody, HSPC257Protein TESPA1 antibody, Thymocyte-expressed positive selection-associated protein 1 antibody

UniProt: [A2RU30](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.