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Datasheet for ABIN6991390 **anti-SESTD1 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	SESTD1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SESTD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SESTD1 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human SESTD1. The immunogen is located within the last 50 amino acids of SESTD1.
Isotype:	IgG
Purification:	SESTD1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SESTD1
Alternative Name:	SESTD1 (SESTD1 Products)
Background:	SESTD1 Antibody: SESTD1 was initially identified in mutant zebrafish with defects in the

Target Details

spontaneous contraction and touch response as a novel gene, solo, encoding a protein containing SEC14 and spectrin repeat domains. Other experiments indicated that SESTD1 interacts with the TRPC4 and TRPC5, members of the transient receptor potential channel family, via the TRPC calmodulin- and inositol 1, 4, 5-triphosphate receptor-binding domain and is essential for efficient receptor-mediated activation of TRPC5, suggesting that SESTD1 is a novel regulator of these TRPC proteins.

Gene ID: 91404

NCBI Accession: [NP_835224](#)

UniProt: [Q86VW0](#)

Application Details

Application Notes: SESTD1 antibody can be used for detection of SESTD1 by Western blot at 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SESTD1 Antibody is supplied in 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.

Storage: -20 °C, 4 °C

Storage Comment: SESTD1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.