Datasheet for ABIN783683

anti-SESTD1 antibody (C-Term)

1 Image

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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), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	15 amino acid peptide near the carboxy terminus of human SESTD1
Specificity:	This antibody detects SESTD1 / SOLO at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	SESTD1
Alternative Name:	SESTD1 / SOLO (SESTD1 Products)
Background:	SESTD1 was initially identified in mutant zebrafish with defects in the spontaneous contraction and touch response as a novel gene, solo, encoding a protein containing SEC14 and spectrin

Target Details

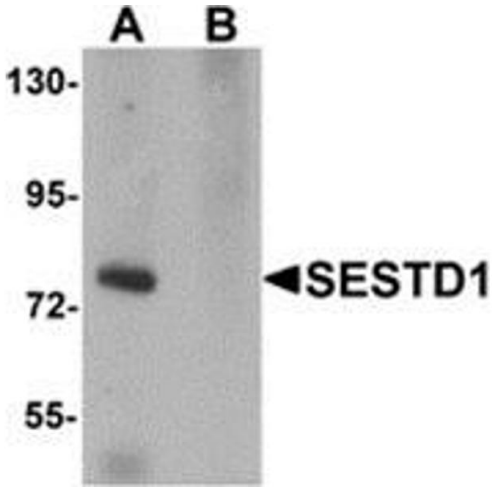
	repeat domains. Other experiments indicated that SESTD1 interacts with the TRPC4 and TRPC5, members of the transient receptor potential channel family, via the TRPC calmodulin- and inositol 1,4,5-triphosphate receptor-binding domain and is essential for efficient receptor-mediated activation of TRPC5, suggesting that SESTD1 is a novel regulator of these TRPC proteins.Synonyms: Huntingtin-interacting protein-like protein, SEC14 domain and spectrin repeat-containing protein 1
Gene ID:	91404
NCBI Accession:	NP_835224
UniProt:	Q86VW0

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of SESTD1 in rat brain tissue lysate with SESTD1 antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.