

Datasheet for ABIN7602009  
**anti-SESTD1 antibody (AA 549-690)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	SESTD1
Binding Specificity:	AA 549-690
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SESTD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-Solo/SESTD1 Antibody Picoband®
Immunogen:	E.coli-derived human Solo/SESTD1 recombinant protein (Position: Q549-E690).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Solo/SESTD1 Antibody Picoband® (ABIN7602009). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	SESTD1
Alternative Name:	SESTD1 ( <a href="#">SESTD1 Products</a> )
Background:	<p>Synonyms: RNA-binding protein Nova-2, Astrocytic NOVA1-like RNA-binding protein, Neuro-oncological ventral antigen 2, NOVA2, ANOVA, NOVA3</p> <p>Tissue Specificity: Brain. Expression restricted to astrocytes.</p> <p>Background: SEC14 and spectrin domains 1, also known as SEC14 domain and spectrin repeat-containing protein 1 and Solo, is a protein that in humans is encoded by the SESTD1 gene.</p> <p>Enables phosphatidylinositol-3,4-bisphosphate binding activity and phospholipid binding activity. Involved in negative regulation of calcium ion transmembrane transport via high voltage-gated calcium channel. Located in intermediate filament cytoskeleton. Colocalizes with calcium channel complex.</p>
Molecular Weight:	79 kDa
Gene ID:	91404

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Miehe, S. , Bieberstein, A. , Arnould, I. , Ihdene, O. , Rutten, H. , &amp; Strubing, C. . (2010). The phospholipid-binding protein sestd1 is a novel regulator of the transient receptor potential channels trpc4 and trpc5. Journal of Biological Chemistry, 285(16), 12426.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and</p>

thawing.