

Datasheet for ABIN7601634

anti-Stonin 2 (STON2) (AA 4-855) antibody[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Stonin 2 (STON2)
Binding Specificity:	AA 4-855
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-STON2 Antibody Picoband®
Immunogen:	E.coli-derived human STON2 recombinant protein (Position: L4-K855).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-STON2 Antibody Picoband® (ABIN7601634). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. 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:	Stonin 2 (STON2)
Alternative Name:	STON2 (STON2 Products)
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: This gene encodes a protein which is a membrane protein involved in regulating endocytotic complexes. The protein product is described as one of the clathrin-associated sorting proteins, adaptor molecules which ensure specific proteins are internalized. The encoded protein has also been shown to participate in synaptic vesicle recycling through interaction with synaptotagmin 1 required for neurotransmission. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Weight:	130 kDa
Gene ID:	85439

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Martina, J. A., Bonangelino, C. J., Aguilar, R. C., Bonifacino, J. S. Stonin 2: an adaptor-like protein that interacts with components of the endocytic machinery. J. Cell. Biol. 153: 1111-1120, 2001. 2. Walther, K., Krauss, M., Diril, M. K., Lemke, S., Ricotta, D., Honing, S., Kaiser, S., Haucke, V. Human stoned B interacts with AP-2 and synaptotagmin and facilitates clathrin-coated vesicle uncoating. EMBO Rep. 2: 634-640, 2001. Note: Erratum: EMBO Rep. 3: 197 only, 2002.</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 Na ₂ HPO ₄ .

Handling

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.