

ARG45283
anti-STON2 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes STON2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	STON2
Species	Human
Immunogen	Recombinant protein containing to human STON2.
Conjugation	Un-conjugated
Alternate Names	STON2; Stonin 2; STN2; STNB2; Stonin-2; STNB; Stoned B Homolog 2 (Drosophila); Stoned B Homolog 2; Stoned B

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	130 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

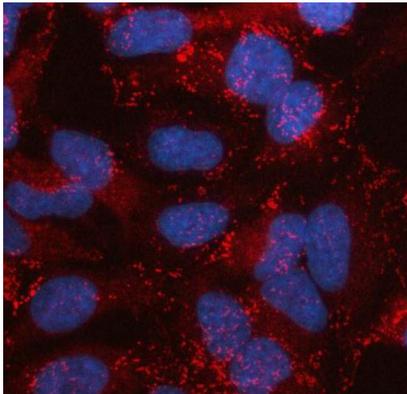
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

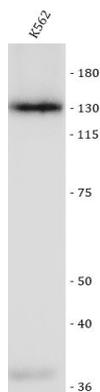
Gene Symbol	STON2
Gene Full Name	Stonin 2
Background	This gene encodes a protein which is a membrane protein involved in regulating endocytotic complexes. The protein product is described as one of the clathrin-associated sorting proteins, adaptor molecules which ensure specific proteins are internalized. 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. [provided by RefSeq, Jan 2012]
Function	Adapter protein involved in endocytic machinery. Involved in the synaptic vesicle recycling. May facilitate clathrin-coated vesicle uncoating.. [UniProt]
Calculated Mw	101 kDa
PTM	Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm; Membrane; Synapse; Synaptosome. [UniProt]

Images



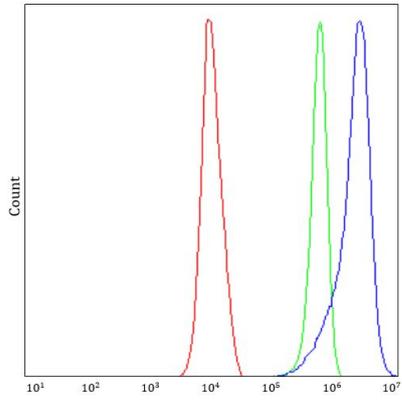
ARG45283 anti-STON2 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45283 anti-STON2 antibody at 5 ug/ml dilution.



ARG45283 anti-STON2 antibody WB image

Western blot: K562 stained with ARG45283 anti-STON2 antibody at 0.5 µg/ml dilution.



ARG45283 anti-STON2 antibody FACS image

Flow Cytometry: PC-3 stained with ARG45283 anti-STON2 antibody at 1 µg/10⁶ cells dilution.