



STON2 rabbit pAb

Catalog No	YP-Ab-12008
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB;IF;FCM;ELISA;IHC
Gene Name	STON2 STN2 STNB
Immunogen	Synthesized peptide derived from human STON2 AA range: 47-97
Specificity	This antibody detects endogenous levels of STON2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000; IF/ICC 1:50-200;ELISA 1:2000-20000;IHC-p 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	4933401N24Rik;AI425999;AW544599;Homolog of stoned B;RGD1311502;STN2;STNB;STNB2;STON2;STON2_HUMAN;Stoned B;Stonin-2;STON2 STN2 STNB
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm . Membrane . Cell junction, synapse, synaptosome . Some fraction is membrane-associated.
Tissue Specificity	Ubiquitous.
Function	domain:The Asn-Pro-Phe (NPF) motifs, which are found in proteins involved in the endocytic pathway, mediate the interaction with the EH domain of SYT1, SYT2, EPS15, EPS15R and ITSN1.,function:Adapter protein involved in endocytic machinery. May be involved in the vesicle recycling. May facilitate clathrin-coated vesicle uncoating.,similarity:Belongs to the Stoned B family.,similarity:Contains 1 MHD (mu homology) domain.,similarity:Contains 1 SHD (stonin homology) domain.,subcellular location:Some fraction is membrane-associated.,subunit:Interacts with the second C2 domain of synaptotagmins SYT1 and SYT2. Interacts with EPS15, EPS15R and ITSN1. Interacts indirectly with the AP-2 adapter complex.,tissue specificity:Ubiquitous.,



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],

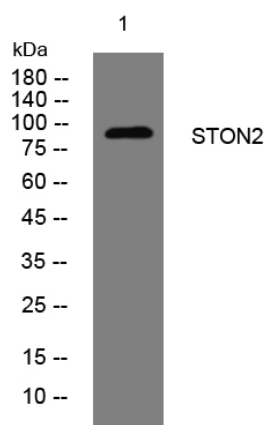
matters needing attention

Avoid repeated freezing and thawing!

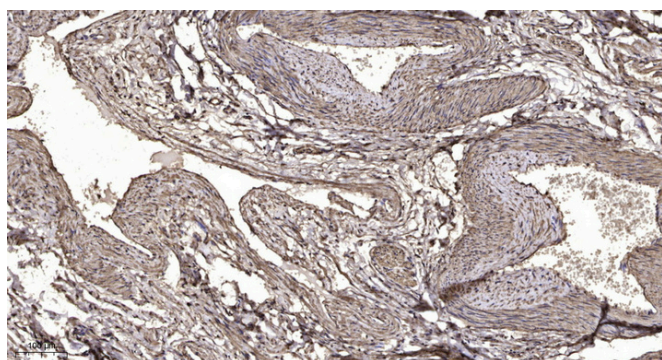
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).