STON2 Rabbit pAb

CatalogNo: YT7374

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB,IF,FC,ELISA,IHC

MW
- 100kD (Calculated)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000
IF/ICC1:50-200
ELISA 1:2000-20000
IHC 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human STON2 AA range: 47-97
Specificity	This antibody detects endogenous levels of STON2 at Human/Mouse

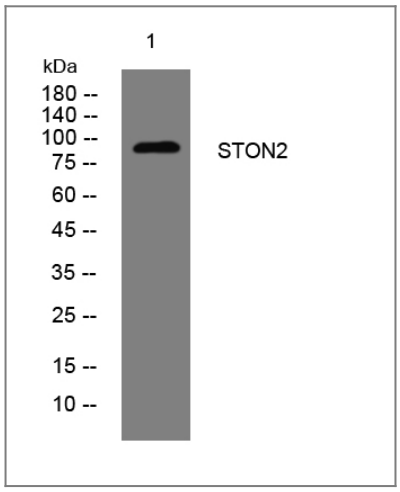
Target Information

Gene name	STON2 STN2 STNB
Protein Name	STON2

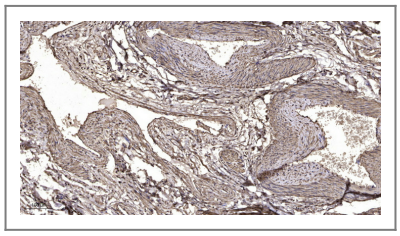
Organism	Gene ID	UniProt ID
Human	85439;	Q8WXE9;
Mouse	108800;	Q8BZ60;

Cellular Localization	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.,

Validation Data



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).

Contact information

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Please scan the QR code to access additional product information:
STON2 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents