

ITSN2 Rabbit pAb

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Catalog # AP57993

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9NZM3
Reactivity	Rat, Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	193461
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ITSN2
Epitope Specificity	301-400/1697
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a cytoplasmic protein which contains SH3 domains. This protein is a member of a family of proteins involved in clathrin-mediated endocytosis. Intersectin 2 is thought to regulate the formation of clathrin-coated vesicles and also may function in the induction of T cell antigen receptor (TCR) endocytosis. [provided by RefSeq, Jan 2017]

Additional Information

Gene ID	50618
Other Names	Intersectin-2, SH3 domain-containing protein 1B, SH3P18, SH3P18-like WASP-associated protein, ITSN2, KIAA1256, SH3D1B, SWAP
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

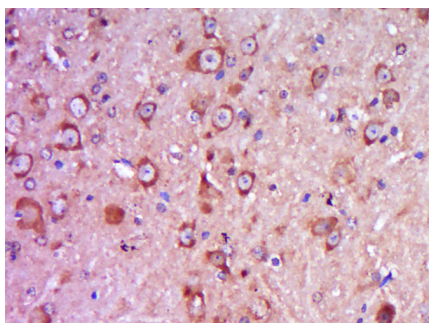
Name	ITSN2
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Synonyms	KIAA1256, SH3D1B, SWAP
Function	Adapter protein that may provide indirect link between the endocytic membrane traffic and the actin assembly machinery. May regulate the formation of clathrin-coated vesicles (CCPs). Seems to be involved in CCPs maturation including invagination or budding. Involved in endocytosis of integrin beta-1 (ITGB1) and transferrin receptor (TFR). Plays a role in dendrite formation by melanocytes (PubMed: 23999003).
Cellular Location	Cytoplasm.
Tissue Location	Expressed in melanocytes (PubMed:23999003). Ubiquitous. Isoform 1 is primarily expressed in adult heart and liver

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Intersectin 2) Polyclonal Antibody, Unconjugated (AP57993) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.