



ITSN2 Monoclonal Antibody

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| Catalog No | BYmab-07653 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB |
| Gene Name | ITSN2 KIAA1256 SH3D1B SWAP |
| Protein Name | Intersectin-2 (SH3 domain-containing protein 1B) (SH3P18) (SH3P18-like WASP-associated protein) |
| Immunogen | Synthesized peptide derived from part region of human protein AA range: 1125-1175 |
| Specificity | ITSN2 Monoclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 186kD |
| Cell Pathway | Cytoplasm. |
| Tissue Specificity | Expressed in melanocytes (PubMed:23999003). Ubiquitous. Isoform 1 is primarily expressed in adult heart and liver. |
| Function | alternative products:Additional isoforms seem to exist,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.,miscellaneous:Overexpression results in the inhibition of the transferrin uptake and the blockage of the clathrin-mediated endocytosis.,similarity:Contains 1 C2 domain.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 2 EF-hand domains.,similarity:Contains 2 EH domains.,similarity:Contains 5 SH3 domains.,subunit:Belongs to a complex that may contain multimers of ITSN1, ITSN2 and EPS15, and different partners according to the step in the endocytic process.,tissue specificity:Ubiquitous. Isoform 1 is primarily expressed in adult |

Nanjing BYabscience technology Co.,Ltd



heart and liver.,

Background

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. Alternatively spliced transcript variants have been found for this gene that encode three distinct isoforms. Additional variants have been found but their full length nature has not been determined. [provided by RefSeq, Jul 2008],

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