



SNAP29 mouse mAb

Catalog No	YP-mAb-18193
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SNAP29
Immunogen	Synthesized peptide derived from human SNAP29
Specificity	This antibody detects endogenous levels of SNAP29 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SNAP-29;CEDNIK;SNAP 29;Synaptosomal-associated protein 29;Vesicle-membrane fusion protein SNAP-29;SNAP29;Synaptosomal-associated protein 29 (SNAP-29) (Soluble 29 kDa NSF attachment protein) (Vesicle-membrane fusion protein SNAP-29)
Observed Band	29 kDa
Calculated Molecular Weight	258 aa, 29 kDa
Cell Pathway	Cytoplasm . Golgi apparatus membrane ; Peripheral membrane protein . Cytoplasmic vesicle, autophagosome membrane ; Peripheral membrane protein . Cell projection, cilium membrane ; Peripheral membrane protein . Appears to be mostly membrane-bound, probably via interaction with syntaxins, but a significant portion is cytoplasmic. Localizes to the ciliary pocket from where the cilium protrudes. .
Tissue Specificity	Found in brain, heart, kidney, liver, lung, placenta, skeletal muscle, spleen and pancreas.
Function	SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical bundle that drives membrane fusion.



SNAP29 is a SNARE involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane. Plays also a role in ciliogenesis by regulating membrane fusions.

Background

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