SORC3 Monoclonal Antibody

Catalog No	YP-mAb-06970
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SORCS3 KIAA1059
Protein Name	VPS10 domain-containing receptor SorCS3
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SORC3 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	134kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Highly expressed in brain.
Function	similarity:Contains 1 PKD domain.,similarity:Contains 6 BNR repeats.,tissue specificity:Highly expressed in brain.,
Background	This gene encodes a type-I receptor transmembrane protein that is a member of the vacuolar protein sorting 10 receptor family. Proteins of this family are defined by a vacuolar protein sorting 10 domain at the N-terminus. The N-terminal segment of this domain has a consensus motif for proprotein convertase processing, and the C-terminal segment of this domain is characterized by ten conserved cysteine residues. The vacuolar protein sorting 10 domain is followed by a leucine-rich segment, a transmembrane domain, and a short C-terminal cytoplasmic domain that interacts with adaptor molecules. The transcript is expressed at high levels in the brain, and candidate gene studies suggest that genetic variation in this gene is associated with Alzheimer's disease. Consistent with this observation, knockdown of the gene in cell culture results in an increase in amyloid pre

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.

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