SLC38A4 Mouse mAb

Catalog No	YP-mAb-19599
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	SLC38A4 ATA3 NAT3 SNAT4
Immunogen	Synthesized peptide derived from human SLC38A4. AA range:1-61
Specificity	This antibody detects endogenous levels of SLC38A4 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	SLC38A4 ATA3 NAT3 SNAT4;Sodium-coupled neutral amino acid transporter 4 (Amino acid transporter A3) (Na (+) -coupled neutral amino acid transporter 4) (Solute carrier family 38 member 4) (System A amino acid transporter 3) (System N amino acid transporter 3)
Observed Band	61kD
Calculated Molecular Weight	61kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Detected in embryonic and adult liver , and at lower levels in adult muscle , kidney and pancreas. Detected in placenta syncytiotrophoblasts throughout gestation. Detected in fetal blood vessels.
Function	Sodium-dependent amino acid transporter. Mediates electrogenic symport of neutral amino acids and sodium ions. Has a broad specificity , with a preference for Ala , followed by His , Cys , Asn , Ser , Gly , Val , Thr , Gln and Met. May mediate sodium-independent transport of cationic amino acids , such as Arg and Lys. Amino acid uptake is pH-dependent , with low transport activities at pH 6.5 , intermediate at pH 7.0 and highest between pH 7.5 and 8.5.
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