



SG196 mouse mAb

Catalog No	YP-mAb-11714
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SGK196
Immunogen	Synthesized peptide derived from human SG196 AA range: 178-228
Specificity	This antibody detects endogenous levels of SG196 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	POMK;Sugen kinase 196;Protein O-mannose kinase;SG196;SGK196
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type II membrane protein .
Tissue Specificity	Highest expression is observed in brain, skeletal muscle, kidney and heart in fetal and adult tissues.
Function	domain:The protein kinase domain is predicted to be catalytically inactive., similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. STKL subfamily.,similarity:Contains 1 protein kinase domain.,
Background	This gene encodes a protein that may be involved in the presentation of the laminin-binding O-linked carbohydrate chain of alpha-dystroglycan (α-DG), which forms transmembrane linkages between the extracellular matrix and the exoskeleton. Some pathogens use this O-linked carbohydrate unit for host entry. Loss of function compound heterozygous mutations in this gene were found in a human patient affected by the Walker-Warburg syndrome (WWS) phenotype. Mice lacking this gene contain misplaced neurons (heterotopia) in some regions of the brain, possibly from defects in neuronal migration. Alternative splicing of



this gene results in multiple transcript variants. [provided by RefSeq, May 2013],

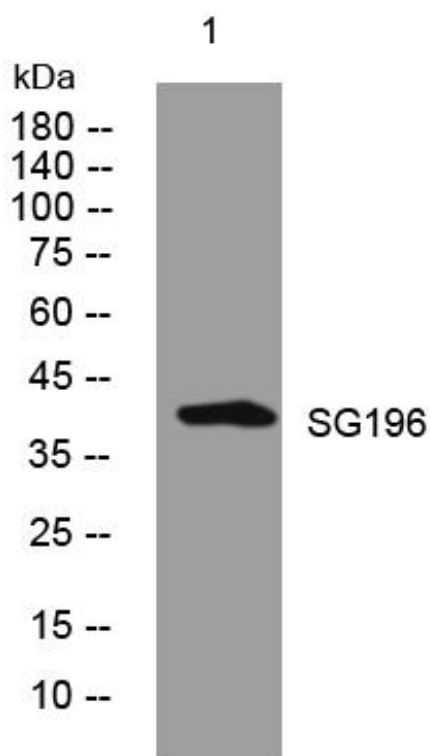
matters needing attention

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



Western Blot analysis of various cells using SG196 mouse mAb