



TRPC6 mouse mAb

Catalog No	BYmab-08924
lsotype	lgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	TRPC6 TRP6
Protein Name	TRPC6
Immunogen	Synthesized peptide derived from human TRPC6 AA range: 412-462
Specificity	This antibody detects endogenous levels of TRPC6 at Human/Mouse
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	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed primarily in placenta, lung, spleen, ovary and small intestine. Expressed in podocytes and is a component of the glomerular slit diaphragm.
Function	disease:Defects in TRPC6 are the cause of focal segmental glomerulosclerosis 2 (FSGS2) [MIM:603965]. FSGS2 is an autosomal dominant disease characterized by increased urinary protein excretion (proteinuria) and decreasing kidney function (nephrotic syndrome). Renal insufficiency often progresses to end-stage renal disease (ESRD) (also known as end-stage renal failure), a highly morbid state requiring either dialysis therapy or kidney transplantation.,function:Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) in a membrane-delimited fashion, independently of protein kinase C. Seems not to be activated by intracellular calcium store depletion.,similarity:Belongs to the transient rece

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询

Background	The protein encoded by this gene forms a receptor-activated calcium channel in the cell membrane. The channel is activated by diacylglycerol and is thought to be under the control of a phosphatidylinositol second messenger system. Activation of this channel occurs independently of protein kinase C and is not triggered by low levels of intracellular calcium. Defects in this gene are a cause of focal segmental glomerulosclerosis 2 (FSGS2). [provided by RefSeq, Mar 2009],
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 TRPC6 mouse mAb

Nanjing BYabscience technology Co.,Ltd