

Anti-TRPC6 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,GuineaPig)
Molecular Weight:	Theoretical: 106 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,FCM,IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 0.2µg/Test; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human TRPC6
Antigen Species:	Human
Gene ID:	7225
Uniprot ID:	Q9Y210
Synonyms:	TRPC6;TRP 6;TRPC 6;Short transient receptor potential channel 6;TRRP6;bZ1P14.9;Transient Receptor Potential Cation Channel Subfamily C Member 6;MTRP6;si:rp71-1p14.9;Transient receptor protein 6;FLJ11098;TRP6;FLJ14863;FSGS2
Biology Area:	Calcium Channels,Calcium Signaling

Research 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].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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