

Rabbit TRPC6 Polyclonal Antibody | anti-TRPC6 antibody

TRPC6 Antibody

CATALOG # AAA307596	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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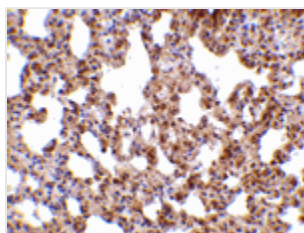
PRODUCT SYNONYMS

TRPC6; Polyclonal Antibody; TRPC6 Antibody; Short transient receptor potential channel 6; Htrp6; anti-TRPC6 antibody

PRODUCT SPECIFICATIONS

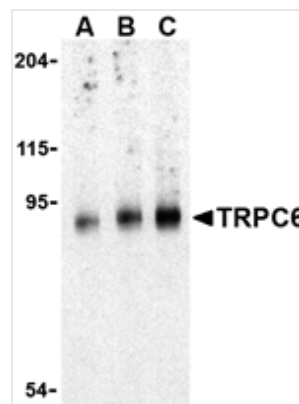
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	931
Applicable Applications for anti-TRPC6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the carboxy terminus of human TRPC6.
Target Name	TRPC6
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of TRPC6 in mouse lung tissue with TRPC6 antibody at 10 ug/mL.



WB (Western Blot)

Western blot analysis of TRPC6 in mouse lung tissue lysate with TRPC6 antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TRPC6 antibody	The mammalian transient receptor potential (TRP) superfamily can be divided into three major families including the "canonical TRP"(TRPC) family. The seven members of this family share the activation through PLC-coupled receptors and have been suggested to be components of receptor-regulated cation channels in different cell types. Furthermore, the members of the TRPC6/6/7 subfamily can be activated by diacylglycerol (DAG) analogs, suggesting a possible mechanism of activation of these channels by PLC-coupled receptors. When expressed in transfected cells, TRPC6 acts as a non-selective store-independent receptor-activated cation channel. It is activated by DAG in a PKC-independent manner and is insensitive to IP3 activation. There is increasing evidence that TRPC6 encodes endogenous DAG-activated receptor-operated cation channels in vivo.
Product Categories/Family for anti-TRPC6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739910
NCBI GeneID	7225
Molecular Weight	100,106 Da
NCBI Official Full Name	Transient receptor potential cation channel, subfamily C, member 6
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily C, member 6
NCBI Official Symbol	TRPC6
NCBI Official Synonym Symbols	TRP6; FSGS2
NCBI Protein Information	short transient receptor potential channel 6
UniProt Protein Name	Short transient receptor potential channel 6
UniProt Gene Name	TRPC6
UniProt Synonym Gene Names	TRP6; TrpC6; TRP-6
UniProt Entry Name	TRPC6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.