

Rabbit TRPC6 Polyclonal Antibody | anti-TRPC6 antibody

TRPC6 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197926	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Yeast	Western Blot

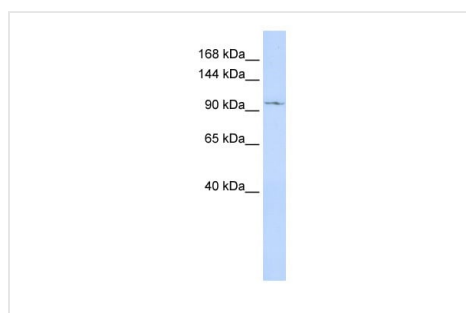
PRODUCT SYNONYMS

TRPC6; Polyclonal Antibody; TRPC6 antibody - middle region; anti-TRPC6 antibody

PRODUCT SPECIFICATIONS

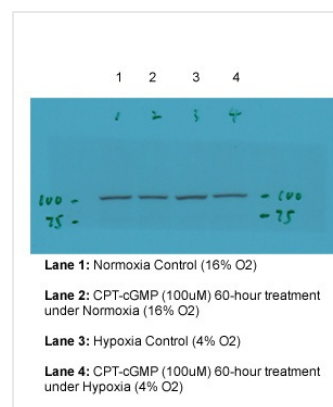
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Yeast
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KK GFQEDAEMNK INEEKKLGIL GSHEDLSKLS LDKKQVGHNK QPSIRSSE
Sequence Length	931
Applicable Applications for anti-TRPC6 antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 85%; Pig: 100%; Rat: 77%; Yeast: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TRPC6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TRPC6 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: MCF7 cell lysate



WB (Western Blot)

TRPC6 antibody - middle region validated by WB using pulmonary artery smooth muscle

ADDITIONAL INFORMATION

Related Product Information for anti-TRPC6 antibody	This is a rabbit polyclonal antibody against TRPC6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TRPC6 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).
Product Categories/Family for anti-TRPC6 antibody	Polyclonal; Ion Channel; Membrane Protein; Membrane & Traffic; Disease Related; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730102
NCBI GeneID	7225
NCBI Accession #	NP_004612
NCBI GenBank Nucleotide #	NM_004621
UniProt Accession #	Q9Y210
Molecular Weight	106kDa
NCBI Official Full Name	short transient receptor potential channel 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trpc6-antibody-western-blot-elisa/197926>