



## TRPC6 Antibody

CATALOG NUMBER: 46-530

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse
<b>TESTED APPLICATIONS:</b>	ELISA, FACS
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:2,000. Western Blot: Approximately 80 kDa band in human spleen and testis lysates after 1 ug/mL antibody staining.2. The 80 kDa band was successfully blocked by incubation with the immunizing peptide.
<b>IMMUNOGEN:</b>	TRPC6 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of TRPC6.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	TRPC6 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	TRPC6 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	TRPC6, transient receptor potential cation channel, subfamily C, member 6, HGNC:12338, TRP6, transient receptor potential channel 6
<b>ACCESSION NO.:</b>	NP_004612.2
<b>PROTEIN GI NO.:</b>	5730102
<b>OFFICIAL SYMBOL:</b>	TRPC6
<b>GENE ID:</b>	7225

### Background

<b>REFERENCES:</b>	1) Winn MP, Conlon PJ, Lynn KL, Farrington MK, Creazzo T, Hawkins AF, Daskalakis N, Kwan SY, Ebersviller S, Burchette JL, Pericak-Vance MA, Howell DN, Vance JM, Rosenberg PB. A mutation in the TRPC6 cation channel causes familial focal segmental glomerulosclerosis. Science. 2005 Jun 17;308(5729):1801-4. Epub 2005 May 5.
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FOR RESEARCH USE ONLY

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