

TRPC6 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253650

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M

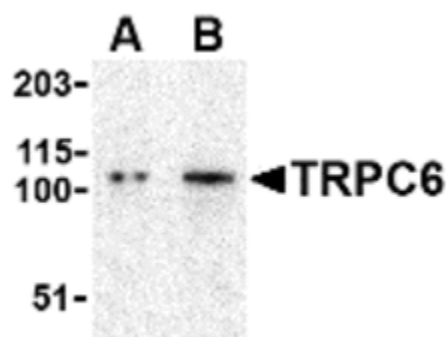
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: TRPC6 ; Short transient receptor potential channel 6; TRPC6; Htrp6

Accession No.: AAH93658

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human TRPC6.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Western blot analysis of TRPC6 in K562 cell lysate with TRPC6 Antibody (Cat. No. 253650) at (A) 0.5 and (B) 1 ug/mL.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.