

## TRPC6

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 106kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human TRPC6

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

TRP6; FSGS2;

**Catalog #:** A8155

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 7225

**Isotype:** IgG

**Swiss Prot:** Q9Y210

**Purity:** Affinity purification

For research use only.

**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).

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