

TRPV4 polyclonal antibody

Catalog: BS66277

Host: Rabbit

Reactivity: Human, Mouse, Rat, Bovine,
Chicken, Pig

BackGround:

This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The encoded protein is a Ca²⁺-permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Mutations in this gene are the cause of spondylometaphyseal and metatropic dysplasia and hereditary motor and sensory neuropathy type IIC. Multiple transcript variants encoding different isoforms have been found for this gene.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 110 kDa

Swiss-Prot:

Q9HBA0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:1000 | IF/ICC, 1:50 - 1:200

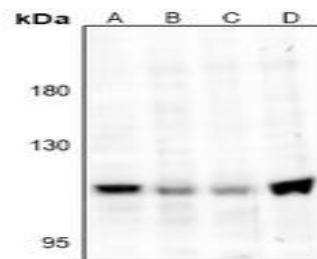
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

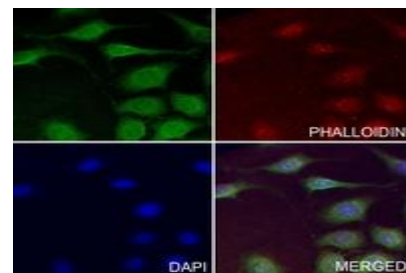
Specificity:

TRPV4 polyclonal antibody detects endogenous levels of TRPV4 protein.

DATA:



Western blot analysis of TRPV4 expression in A375 (A), PC3 (B), 3T3L1 (C), H9C2 (D) whole cell lysates.



Immunofluorescent analysis of TRPV4 staining in A549 cells.

Note:

For research use only, not for use in diagnostic procedure.

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