

TRPV3 polyclonal antibody

Catalog: BS61773

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The transient receptor potential cation channel subfamily V member 3 (TRPV3 or VRL3) is a widely expressed ligand-gated ion channel protein that acts in temperature detection between 22 °C and 40 °C. Related transient receptor proteins (TRP) respond to different temperature ranges; TRPA1 responds to cold temperatures and TRPM1 to cool, while warmer temperatures elicit response from TRPV3 and TRPV4. Noxious heat or painful temperatures correlate with TRPM8 and TRPV1 activity. TRPV3 is found in association with TRPV1 (VR1) and is thought to modulate activity of this noxious heat-responsive protein. Increased TRPV1 and TRPV3 protein expression is correlated with nervous injury, while reduced expression of both may be seen in cases of diabetic skin neuropathy. Recent evidence implicates TRPV3 in pruritic dermatitis, or itching associated with eczema and related skin disorders.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 98 kDa

Swiss-Prot:

Q8NET8

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

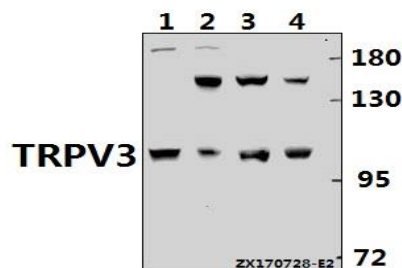
Storage&Stability:

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

Specificity:

TRPV3 polyclonal antibody detects endogenous levels of TRPV3 protein.

DATA:



Western blot (WB) analysis of TRPV3 polyclonal antibody at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:C6 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Note:

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

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