

TRPM8 polyclonal antibody

Catalog: BS60452

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

TRPM8 (transient receptor potential cation channel, sub-family M, member 8), also known as TRPP8 or LTRPC6, is a 1,104 amino acid multi-pass membrane protein that belongs to the TRP family of regulatory channel proteins. Expressed at high levels in prostate, TRPM8 functions as a receptor-activated cation channel that is permeable to monovalent cations (such as sodium and potassium) and divalent Ca²⁺ and is involved in the detection of temperature sensations (such as the feeling of coolness) throughout the body. TRPM8 is overexpressed in prostate tumors, as well as in colon, breast and lung cancers, suggesting an important role for TRPM8 in tumorigenesis.

Product:

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

Molecular Weight:

~ 130 kDa

Swiss-Prot:

Q7Z2W7

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

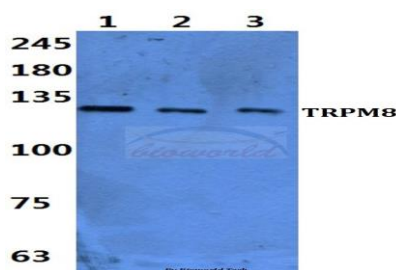
Storage&Stability:

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

Specificity:

TRPM8 polyclonal antibody detects endogenous levels of TRPM8 protein.

DATA:



Western blot (WB) analysis of TRPM8 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:NIH-3T3 cell lysate

Lane3:H9C2 cell lysate

Note:

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

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