



## TRP12/TRPV4 Polyclonal Antibody

Catalog: BS65952      Host: Rabbit      Reactivity: Hu-man, Mouse, Rat, Chicken, Dog, Pig, Cow,

### BackGround:

The detection of noxious stimuli (chemical, mechanical, or thermal) occurs predominantly at the peripheral terminals of primary afferent neurons. This information is ultimately transmitted to the central nervous system to evoke appropriate protective reflexes. TRPV4 is a non selective calcium permeant, swell activated, cation channel probably involved in osmotic and mechano sensitivity. Activation by exposure to hypotonicity within the physiological range, low pH, citrate and phorbol esters exhibits an outward rectification. Once activated the channel seems to be regulated in a calmodulin dependent manner, with a negative feedback mechanism.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

96kDa

### Swiss-Prot:

Q9HBA0

### Purification&Purity:

affinity purified by Protein A

### Applications:

Flow-Cyt=1ug/test

### Storage&Stability:

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

### Specificity:

TRP12/TRPV4 Polyclonal Antibody detects endogenous levels of TRP12/TRPV4 protein.

### DATA:

### Note:

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

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