

## TRPV6

**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:200 - 1:500

**Calculated MW:**83kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human TRPV6

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

g

**Synonym:**

TRPV6;ABP/ZF;CAT1;CATL;ECAC2;HSA277909;LP6728;ZFAB ;

**Catalog #:**A1495

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**55503

**Isotype:**IgG

**Swiss Prot:**Q9H1D0

**Purity:**Affinity purification

For research use only.

**Background:**

The transient receptor potential (TRP) protein family consists of a diverse group of cation channels functioning in a variety of homeostatic and regulatory pathways. Four subfamilies exist, based on channel domain homology, not activating stimuli: C type (canonical or classical), V type (vanilloid receptor related), M type (melastatin related) and P type (PKD). TRPV6 belongs to the V type subfamily, and it facilitates calcium entry across the plasma membrane in pancreas, placenta, and to a lesser extent stomach and kidney tissue. Furthermore, prostate cancer cells overexpress TRPV6, while benign prostate tissues do not express the protein, implying a role for TRPV6 in malignant growth.

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