

## Datasheet

### TRPV4 polyclonal antibody

VROAC

**Catalog Number:** PAB27805**Regulatory Status:** For research use only (RUO)**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of TRPV4.**Immunogen:** A synthetic peptide corresponding to 20 amino acid at internal region of human TRPV4.**Host:** Rabbit**Reactivity:**

Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat

**Applications:** IHC-P

(See our web site product page for detailed applications information)

**Protocols:** See our web site at<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Specificity:** BLAST analysis of the peptide immunogen showed no homology with other human proteins.**Form:** Liquid**Purification:** Immunoaffinity chromatography**Recommend Usage:** Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections) (5-7.5 ug/mL)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)**Storage Instruction:** Store at 4°C. For long term storage store at -80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 59341**Gene Symbol:** TRPV4**Gene Alias:** OTRPC4, TRP12, VR-OAC, VRL-2, VRL2,**Gene Summary:** 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 Ca<sup>2+</sup>-permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]