

TRPV6 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15188
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Transient receptor potential cation channel subfamily V member 6
Synonyms	Transient receptor potential cation channel subfamily V member 6 ; TrpV6; CaT-like; CaT-L; Calcium transport protein 1; CaT1; Epithelial calcium channel 2; ECaC2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of a family of multipass membrane proteins that functions as calcium channels. The encoded protein contains N-terminal ankyrin repeats, which are required for channel assembly and regulation. Translation initiation for this protein occurs at a non-AUG start codon that is decoded as methionine. This gene is situated next to a closely related gene for transient receptor potential cation channel subfamily V member 5 (TRPV5). This locus has experienced positive selection in non-African populations, resulting in several non-synonymous codon differences among individuals of different genetic backgrounds.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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