

Anti-TRPV1 Antibody

Catalog Number: A00128

About TRPV1

TRPV1 is a receptor for capsaicin, the main pungent ingredient in hot chili peppers, and elicits a sensation of burning pain by selectively activating sensory neurons. TRPV1 is a non-selective cation channel that is structurally related to members of the TRP family of ion channels such as TRPC3 and TRPC6. This receptor is also activated by increases in temperature in the noxious range, suggesting that it functions as a transducer of painful thermal stimuli in vivo.

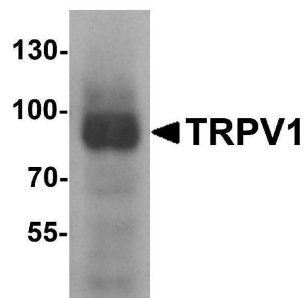
Overview

Product Name	Anti-TRPV1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-TRPV1 Antibody (Catalog # A00128). Tested in ELISA, WB applications. This antibody reacts with Human.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	TRPV1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TRPV1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q8NER1

Technical Details

Immunogen	Rabbit polyclonal TRPV1 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human TRPV1. The immunogen is located within the last 50 amino acids of TRPV1.
Predicted Reactive Species	Guinea Pig, Mouse
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TRPV1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TRPV1 antibody can be used for detection of TRPV1 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-TRPV1 Antibody (A00128) Images



Western blot analysis of TRPV1 in K562 cell lysate with TRPV1 antibody at 1 ug/mL.

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Anti-TRPV1 Antibody

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