

Anti-NPR3 Antibody

Catalog Number: A03589

About NPR3

The production of the second messenger molecules diacylglycerol. (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. It is a crucial enzyme in transmembrane signaling.

Singer, W. D. et al. (1997) Annu. Rev. Biochem. 66, 475-509.

Smrcka, A. V. et al. (1991) Science 251, 804-807.

Yue, C. et al. (2000) J. Biol. Chem. 275, 30220-30225.

Watanabe, D. et al. (2001) J. Biol. Chem. 276, 38595-38601.

Overview

Product Name	Anti-NPR3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NPR3 Antibody catalog # A03589. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P17342

Technical Details

Immunogen	Synthesized peptide derived from human Dvl-3
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:1000-1:2000

Anti-NPR3 Antibody (A03589) Images

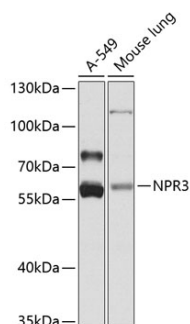


Figure 1. Western blotting validation for Anti-NPR3 Antibody A03589

Western blot analysis of extract of various cells

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