

## Anti-Phospho-NMD zeta (S896) GRIN1 Antibody

Catalog Number: A01808S896-1

### About GRIN1

This is a calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters. Subunit of a quaternary complex that plays a central role in epithelial cell polarization.

Parmentier JH, et al. (2004) BMC Cell Biol; 5: 4.

Castrillo A, et al. (2003) Mol Cell Biol; 23(4): 1196-1208.

Paramio JM, et al. (2001) Mol Cell Biol; 21(21): 7449-7459.

Braiman L, et al. (2001) Mol Cell Biol; 21(22): 7852-7861.

### Overview

Product Name	Anti-Phospho-NMD zeta (S896) GRIN1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-NMD zeta (S896) GRIN1 Antibody catalog # A01808S896-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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	Q05586

### Technical Details

Immunogen	Synthesized peptide derived from human NMDA $\alpha$ 1 around the phosphorylation site of S896.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-1:2000</p> <p>IHC 1:100-1:300</p> <p>ELISA 1:40000</p>

## Anti-Phospho-NMD zeta (S896) GRIN1 Antibody (A01808S896-1) Images

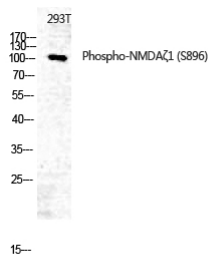


Figure 1. Western blotting validation for Anti-Phospho-NMD zeta (S896) GRIN1 Antibody A01808S896-1

Western Blot (WB) analysis of 293T using Phospho-NMDAζeta1 (S896) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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