

Anti-PLA2G7 Antibody

Catalog Number: A02164

About PLA2G7

Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. Deconjugates SUMO1 from HIPK2. Deconjugates SUMO1 from HDAC1 and BHLHE40/DEC1, which decreases its transcriptional repression activity. Deconjugates SUMO1 from CLOCK, which decreases its transcriptional activation activity.

Taihei Yamaguchi, Mol. Cell. Biol., Jun 2005; 25: 5171 - 5182.

Jinke Cheng, Mol. Cell. Biol., Jul 2004; 24: 6021 - 6028.

Molly A. Brewer, AACR Meeting Abstracts, Mar 2004; 2004: 1006.

Imke M. Veltman, Hum. Mol. Genet., Jul 2005; 14: 1955 - 1963.

Overview

Product Name	Anti-PLA2G7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PLA2G7 Antibody catalog # A02164. 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	Q13093

Technical Details

Immunogen	Synthesized peptide derived from human Rad17 around the phosphorylation site of S646.
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: 1:500-1:1000

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