

Anti-Syndecan-2 SDC2 Antibody

Catalog Number: A03827

About SDC2

The heterodimer acts as a E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2.

Mark H. L. Lambermon, Mol. Cell. Biol., Jun 2002; 22: 4346 - 4357.

Kyoung-Seok Ryu, J. Biol. Chem., Sep 2003; 278: 36621 - 36627.

R. Jrgen Dohmen, J. Biol. Chem., Jul 1995; 270: 18099.

Yoshiaki Azuma, FASEB J, Jun 2001; 10.1096.

Overview

Product Name	Anti-Syndecan-2 SDC2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Syndecan-2 SDC2 Antibody catalog # A03827. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC, 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	P34741

Technical Details

Immunogen	Synthesized peptide derived from human NBAS protein.
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: 1:500-1:2000

IHC: 1:50-1:200

Anti-Syndecan-2 SDC2 Antibody (A03827) Images

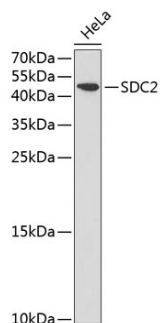


Figure 1. Western blotting validation for Anti-Syndecan-2 SDC2 Antibody A03827

Western blot analysis of extracts of various cell lines

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