

Anti-RPS9 (E73) Antibody

Catalog Number: A05633

About RPS9

Scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3. May also act as scaffold protein in the nucleus.

Poulat F., J. Biol. Chem. 272:7167-7172(1997) [PubMed: 9054412].

Reczek D., J. Cell Biol. 139:169-179(1997) [PubMed: 9314537].

Yun C.H.C., Proc. Natl. Acad. Sci. U.S.A. 94:3010-3015(1997) [PubMed: 9096337].

Overview

Product Name	Anti-RPS9 (E73) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RPS9 (E73) Antibody catalog # A05633. 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	P46781

Technical Details

Immunogen	Synthesized peptide derived from internal of human SLC9A3R2.
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

IHC: 1:50-1:200

Anti-RPS9 (E73) Antibody (A05633) Images

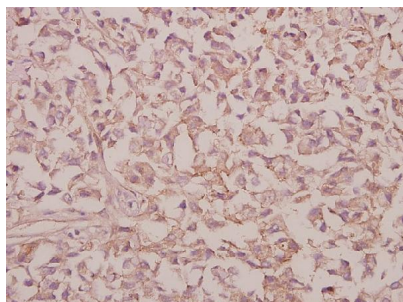


Figure 2. Immunohistochemistry validation of RPS9 using Anti-RPS9 (E73) Antibody (A05633).

Immunohistochemistry (IHC) analyzes of RPS9 (E73) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

For more protocol information of IHC

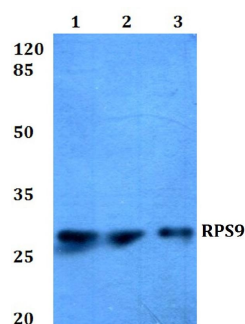


Figure 1. Western blotting validation for Anti-RPS9 (E73) Antibody A05633

Western blot (WB) analysis of RPS9 (E73) pAb at 1:500 dilution

Lane1:Hela whole cell lysate(20ug)

Lane2:SGC7901 whole cell lysate(20ug)

Lane3:The Testis tissue lysate of Mouse(40ug)

Lane4:The Testis tissue lysate of Rat(40ug)

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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