

Anti-SRD5A1 Antibody

Catalog Number: A03464

About SRD5A1

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. May be involved in the remodeling of the actin cytoskeleton. Binds actin with high affinity both in the absence and presence of ATP and its mechanochemical activity is inhibited by calcium ions. Also acts as a GTPase activating protein on Rho.

Wirth J.A., J. Cell Sci. 109:653-661(1996).

Grewal P.K., Gene 240:389-398(1999).

Post P.L., J. Cell Sci. 111:941-950(1998).

Overview

Product Name	Anti-SRD5A1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-SRD5A1 Antibody catalog # A03464. Tested in WB applications. This antibody reacts with Human.
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	P18405

Technical Details

Immunogen	Synthesized peptide derived from human FEV.
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

Anti-SRD5A1 Antibody (A03464) Images

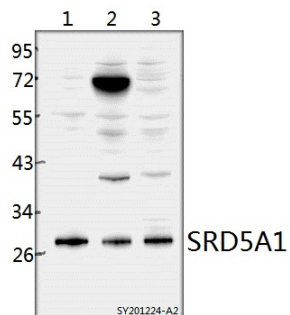


Figure 1. Western blotting validation for Anti-SRD5A1 Antibody A03464

Western blot (WB) analysis of SRD5A1 polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:H9C2 cell lysate

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

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