

## Anti-Mucin-6 MUC6 Antibody

Catalog Number: A02143-1

### About MUC6

GTPase-activating protein for the ADP ribosylation factor family. May serve as a scaffold to bring together molecules to form signaling modules controlling vesicle trafficking, adhesion and cytoskeletal organization. Increases the speed of cell migration, as well as the size and rate of formation of protrusions, possibly by targeting PAK1 to adhesions and the leading edge of lamellipodia. Sequesters inactive non-tyrosine-phosphorylated paxillin in cytoplasmic complexes.

Premont R.T., J. Biol. Chem. 275:22373-22380(2000).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Premont R.T., Proc. Natl. Acad. Sci. U.S.A. 95:14082-14087(1998).

### Overview

Product Name	Anti-Mucin-6 MUC6 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Mucin-6 MUC6 Antibody catalog # A02143-1. 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	Q6W4X9

### Technical Details

Immunogen	Synthesized peptide derived from C-terminal of human GIT1.
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-Mucin-6 MUC6 Antibody (A02143-1) Images

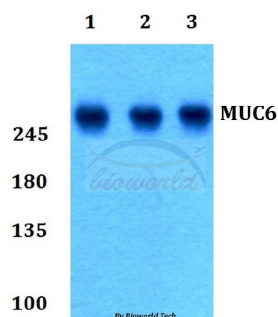


Figure 1. Western blotting validation for Anti-Mucin-6 MUC6 Antibody A02143-1

Western blot (WB) analysis of MUC6 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:Rat kidney tissue lysate

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

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