

## Anti-RASSF3 Antibody

Catalog Number: A09746

### About RASSF3

E3 ubiquitin-protein ligase that mediates the ubiquitination of p53/TP53 in the late response to DNA damage, and acts as a positive regulator of p53/TP53 stability, thereby regulating the G1/S DNA damage checkpoint. May act by catalyzing the formation of short polyubiquitin chains on p53/TP53 that are not targeted to the proteasome. In response to ionizing radiation, interacts with MDM2 and enhances p53/TP53 ubiquitination, possibly by restricting MDM2 from extending polyubiquitin chains on ubiquitinated p53/TP53. Plays a role in RPA-mediated DNA damage signaling and repair.

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

Ota T., Nat. Genet. 36:40-45(2004).

Matsuoka S., Science 316:1160-1166(2007).

### Overview

Product Name	Anti-RASSF3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RASSF3 Antibody catalog # A09746. 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	Q86WH2

### Technical Details

Immunogen	Synthesized peptide derived from internal of human RFWD3.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p>

## Anti-RASSF3 Antibody (A09746) Images

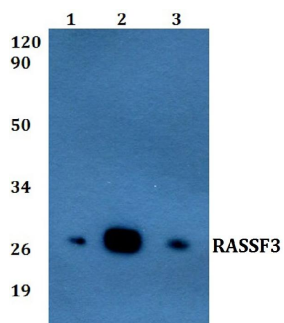


Figure 1. Western blotting validation for Anti-RASSF3 Antibody A09746

Western blot (WB) analysis of RASSF3 polyclonal antibody at 1:500 dilution

Lane1:Mcf-7 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

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

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