BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-RWDD3 Antibody

Catalog Number: A08744

About RWDD3

RWDD3 (RSUME), a small RWD-containing protein, has a central role in sumoylation by enhancing SUMO conjugation in the regulatory network of immune-inflammatory signals. RWDD3 increases IkappaBeta sumoylation and stability. In addition, RWDD3 inhibits TNF-alpha-induced kappaB-LUC (Luciferase) reporter activity, showing the functional consequence of IkappaBeta increased stability. RSUME-enhanced sumoylation of IkappaBeta leads to the inhibition of NF-kappaBeta activity on two well-known inflammatory genes, IL-8 and cyclooxygenase-2 (Cox-2) and therefore may also favor anti-inflammatory pathways. Expression of RWDD3 was induced under hypoxic conditions and it has a potential role during vascularization. Both BMP-4 and RWDD3 may be interesting targets for inhibiting steps involved in pituitary tumorigenesis.

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Overview

Product Name	Anti-RWDD3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RWDD3 Antibody (Catalog # A08744). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	RWDD3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	RWDD3 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9Y3V2

Technical Details

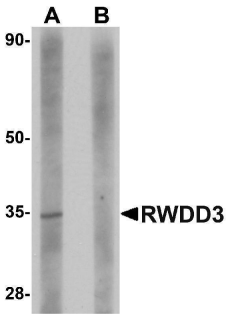
Immunogen	RWDD3 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human RWDD3. The immunogen is located within the last 50 amino acids of RWDD3.
Predicted Reactive Species	Bovine

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	RWDD3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RWDD3 antibody can be used for detection of RWDD3 by Western blot at 1 ug/mL. Antibody validated: Western Blot in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-RWDD3 Antibody (A08744) Images



Western blot analysis of RWDD3 in rat kidney tissue lysate with RWDD3 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.

Anti-RWDD3 Antibody

For Research Use Only. Not for use in diagnostic procedures.