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anti-RWDD3 antibody (N-Term)



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Overview		
Quantity:	0.1 mg	
Target:	RWDD3	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This RWDD3 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	
Product Details		
Immunogen:	RWDD3 antibody was raised against a 17 amino acid synthetic peptide from near the amino terminus of human RWDD3. The immunogen is located within the first 50 amino acids of RWDD3.	
Isotype:	IgG	
Purification:	RWDD3 Antibody is affinity chromatography purified via peptide column.	
Target Details		
Target:	RWDD3	
Alternative Name:	RWDD3 (RWDD3 Products)	
Background:	RWDD3 Antibody: 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 Ix,Beta sumoylation and stability. In addition, RWDD3
inhibits TNF- α ,-induced kappaB-LUC (Luciferase) reporter activity, showing the functional
consequence of Ik,Beta increased stability. RSUME-enhanced sumoylation of Ik,Beta leads to
the inhibition of NF-κ,Beta 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.

Gene ID:	25950		
NCBI Accession:	NP_056300		
UniProt:	Q9Y3V2		

Application Details

Application Notes:	RWDD3 antibody can be used for detection of RWDD3 by Western blot at 0.5 μ,g/mL.
	Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	RWDD3 Antibody is supplied in PBS containing 0.02 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,4 °C	
Storage Comment:	e Comment: RWDD3 antibody can be stored at 4°C for three months and -20°C, stable for up to one ye with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies not be exposed to prolonged high temperatures.	