# antibodies - online.com







# anti-DUSP12 antibody (AA 162-191)



Image



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Overview		
Quantity:	400 μL	
Target:	DUSP12	
Binding Specificity:	AA 162-191	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DUSP12 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This DUSP12 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 162-191 amino acids from the Central region of human DUSP12.	
Clone:	RB35761	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target Details		
Target:	DUSP12	
Alternative Name:	DUSP12 (DUSP12 Products)	
Background:	The protein encoded by this gene is a member of the dual specificity protein phosphatase	

subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product is the human ortholog of the Saccharomyces cerevisiae YVH1 protein tyrosine phosphatase. It is localized predominantly in the nucleus, and is novel in that it contains, and is regulated by a zinc finger domain.

 Molecular Weight:
 37687

 Gene ID:
 11266

 NCBI Accession:
 NP\_009171

 UniProt:
 Q9UNI6

Pathways: Regulation of Carbohydrate Metabolic Process

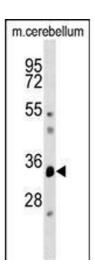
## **Application Details**

Application Notes: WB: 1:1000

Restrictions: For Research Use only

### Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C	
Storage Comment:	DUSP12 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.	
Expiry Date:	6 months	



### **Western Blotting**

**Image 1.** DUSP12 Antibody (Center) (ABIN1537912 and ABIN2848573) western blot analysis in mouse cerebellum tissue lysates (35  $\mu$ g/lane). This demonstrates the DUSP12 antibody detected the DUSP12 protein (arrow).