



## IRP-1 (phospho Ser138) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A16435	Rabbit	1 mg/ml	98 kD
Applications	IHC,IF,ELISA		
Reactivity	Human,Mouse,Rat		
Dilution	WB 1:500-2000 ,IHC: 1/100 - 1/300. IF: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Phospho-IRP-1 (S138) Polyclonal Antibody detects endogenous levels of IRP-1 protein only when phosphorylated at S138.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human IREB1 around the phosphorylation site of Ser138. AA range:106-155		
Uniprot No	P21399		
Alternative names	ACO1; IREB1; Cytoplasmic aconitate hydratase; Aconitase; Citrate hydro-lyase; Ferritin repressor protein; Iron regulatory protein 1; IRP1; Iron-responsive element-binding protein 1; IRE-BP 1		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype			
Conjugation			
Background	aconitase 1(ACO1) Homo sapiens The protein encoded by this gene is a bifunctional, cytosolic protein that functions as an essential enzyme in the TCA cycle and interacts with mRNA to control the levels of iron inside cells. When cellular iron lev		
Other	Gene_name: ACO1 ; Protein_name: Cytoplasmic aconitate hydratase; Expression: Brain,Brain astrocytoma,Uterus,		
Product Images			

### Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation



IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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