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# anti-ACP5 antibody (N-Term)

3 Images



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Overview	
Quantity:	100 μL
Target:	ACP5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACP5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA
Product Details	
Immunogen:	A synthesized peptide derived from human ACP5, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	ACP5 Antibody detects endogenous levels of total ACP5.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	ACP5

## **Target Details**

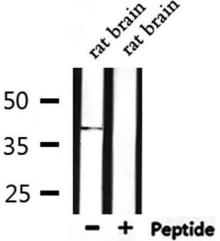
Alternative Name:	ACP5 (ACP5 Products)
Background:	Description: Involved in osteopontin/bone sialoprotein dephosphorylation. Its expression seems to increase in certain pathological states such as Gaucher and Hodgkin diseases, the hairy cell, the B-cell, and the T-cell leukemias.
Molecular Weight:	Gene: ACP5  37kDa
Gene ID:	54
UniProt:	P13686
Pathways:	Transition Metal Ion Homeostasis

# **Application Details**

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



# kDa

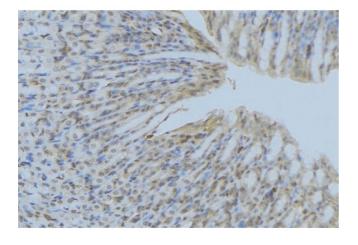
# 250-150-100-75-37-25-20-15-

### **Western Blotting**

Image 1. Western blot analysis of extracts from rat brain, using ACP5 Antibody.

#### **Western Blotting**

Image 2. Western blot analysis of Jurkat whole cell lysates, using ACP5 Antibody. The lane on the left is treated with the antigen-specific peptide.



### **Immunohistochemistry**

Image 3. ABIN6277248 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22jãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary