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Datasheet for ABIN6260553 anti-AGTPBP1 antibody (Internal Region)

3 Images



Overview

Quantity:	100 µL
Target:	AGTPBP1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGTPBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human CCP1, corresponding to a region within the internal amino acids.
lsotype:	lgG
Specificity:	CCP1 Antibody detects endogenous levels of total CCP1.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

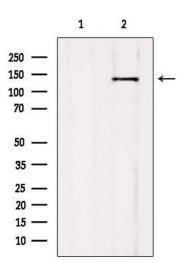
Target:

AGTPBP1

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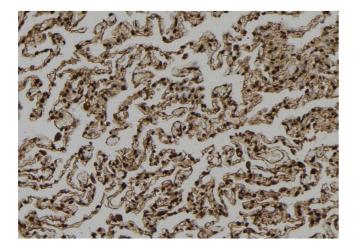
Target Details	
Alternative Name:	AGTPBP1 (AGTPBP1 Products)
Background:	Description: Metallocarboxypeptidase that mediates deglutamylation of target proteins.
	Catalyzes the deglutamylation of polyglutamate side chains generated by post-translational
	polyglutamylation in proteins such as tubulins. Also removes gene-encoded polyglutamates
	from the carboxy-terminus of target proteins such as MYLK. Acts as a long-chain
	deglutamylase and specifically shortens long polyglutamate chains, while it is not able to
	remove the branching point glutamate, a process catalyzed by AGBL5/CCP5.
	Gene: AGTPBP1
Molecular Weight:	138 kDa
Gene ID:	23287
UniProt:	Q9UPW5
Pathways:	Proton Transport
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
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

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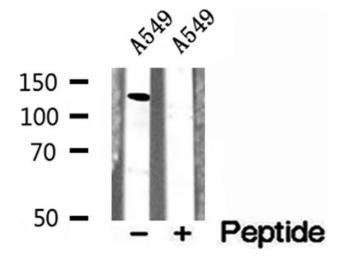
Western Blotting

Image 1. Western blot analysis of extracts from mouse brain, using CCP1 antibody. Lane 1 was treated with the blocking peptide.



Immunohistochemistry

Image 2. ABIN6272990 at 1/100 staining Human lung 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 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 3. Western blot analysis of extracts of A549 cells, using CCP1 antibody.

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