

Product datasheet

Recombinant Human AGTPBP1 protein ab161588

1 Image

Overview

Product name	Recombinant Human AGTPBP1 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	GAKFCVGLLRKRLTSPLEYNLPSSLLDFENDLIESSC KVTSPPTYVLDE DEPRFLEEVDYSAESNDELDIELAENVGDYEPSAQEE VLSDSELSRTYLP
Amino acids	1087 to 1186
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab161588** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function

Metallocoxy-peptidase 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 AGL5/CCP5.

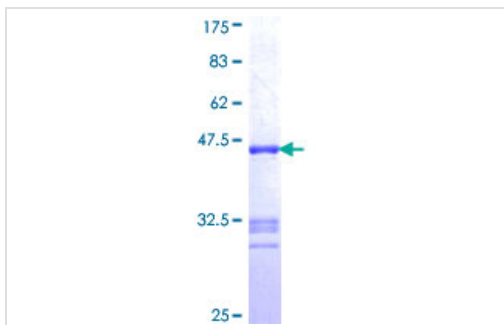
Sequence similarities

Belongs to the peptidase M14 family.

Cellular localization

Cytoplasm > cytosol. Nucleus. Mitochondrion.

Images



ab161588 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human AGTPBP1
protein (ab161588)

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