

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 GAKFCVGLLRKRLTSPLEYNLPSSLLDFENDLISSCKVTSPTTYVLDE
 DEPRFLEEVDYSAESNDELDIELAENVGDYEPSAQEEVLSDSSELSRITYLP
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.

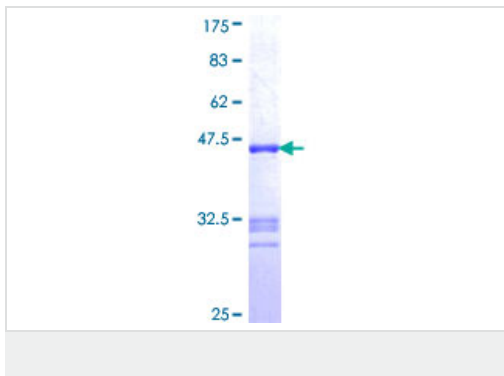
Preparation and Storage

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

General Info

Function	Metalloprotease 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.

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