

AGBL4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00289
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human AGBL4. AA range:431-480
Mol wt	62385
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	AGBL4 Antibody
Synonyms	AGBL4; CCP6; Cytosolic carboxypeptidase 6; ATP/GTP-binding protein-like 4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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 AGBL5/CCP5.

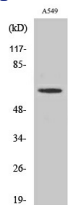
Recommended Dilution

WB: 1: 500 - 1: 2000

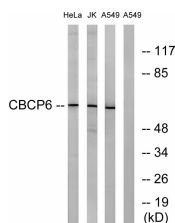
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using AGBL4 Polyclonal Antibody



Western blot analysis of lysates from A549, HeLa, and Jurkat cells, using AGBL4 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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