

APP-BP2 Polyclonal Antibody
Catalog # AP73857**Specification****APP-BP2 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q92624
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

APP-BP2 Polyclonal Antibody - Additional Information**Gene ID** 10513**Other Names**

APPBP2; KIAA0228; PAT1; Amyloid protein-binding protein 2; Amyloid beta precursor protein-binding protein 2; APP-BP2; Protein interacting with APP tail 1

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

APP-BP2 Polyclonal Antibody - Protein Information**Name** APPBP2 {ECO:0000303|PubMed:26138980, ECO:0000312|HGNC:HGNC:622}**Function**

Substrate-recognition component of a Cul2-RING (CRL2) E3 ubiquitin-protein ligase complex of the DesCEND (destruction via C-end degrons) pathway, which recognizes a C-degron located at the extreme C terminus of target proteins, leading to their ubiquitination and degradation (PubMed:29775578, PubMed:29779948). The C-degron recognized by the DesCEND pathway is usually a motif of less than ten residues and can be present in full-length proteins, truncated proteins or proteolytically cleaved forms (PubMed:29775578, PubMed:29779948). The CRL2(APPBP2) complex specifically recognizes proteins with a -Arg-Xaa- Xaa-Gly degron at the C-terminus, leading to their ubiquitination and degradation (PubMed:29775578, PubMed:29779948). The CRL2(APPBP2) complex mediates ubiquitination and degradation of truncated SELENOP selenoproteins produced by failed UGA/Sec decoding, which end with a -Arg-Xaa-Xaa-Gly degron

(PubMed:26138980). May play a role in intracellular protein transport: may be involved in the translocation of APP along microtubules toward the cell surface (PubMed:9843960).

Cellular Location

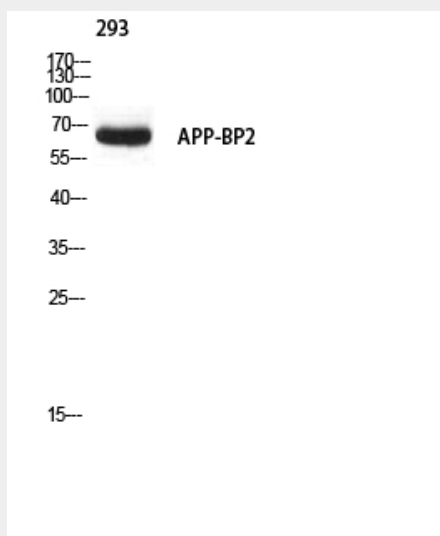
Nucleus. Cytoplasm, cytoskeleton. Membrane; Peripheral membrane protein. Note=Associated with membranes and microtubules.

APP-BP2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

APP-BP2 Polyclonal Antibody - Images



Western blot analysis of 293 using APP-BP2 antibody.. Secondary antibody was diluted at 1:20000

APP-BP2 Polyclonal Antibody - Background

May play a role in intracellular protein transport. May be involved in the translocation of APP along microtubules toward the cell surface.