

APC2 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21858a

Specification

APC2 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	O95996
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	243949

APC2 Antibody (N-Term) - Additional Information

Gene ID 10297

Other Names

Adenomatous polyposis coli protein 2, Adenomatous polyposis coli protein-like, APC-like, APC2, APCL

Target/Specificity

This APC2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 122-152 amino acids from human APC2.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

APC2 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

APC2 Antibody (N-Term) - Protein Information

Name APC2 ([HGNC:24036](#))

Synonyms APCL

Function Stabilizes microtubules and may regulate actin fiber dynamics through the activation of Rho family GTPases (PubMed:[25753423](#)). May also function in Wnt signaling by promoting the rapid degradation of CTNNB1 (PubMed:[10021369](#), PubMed:[11691822](#), PubMed:[9823329](#)).

Cellular Location

Cytoplasm, cytoskeleton. Golgi apparatus. Cytoplasm Cytoplasm, perinuclear region
Note=Associated with actin filaments (PubMed:[11691822](#), PubMed:[25753423](#)). Associated with microtubule network (PubMed:[10644998](#), PubMed:[11691822](#), PubMed:[25753423](#)).

Tissue Location

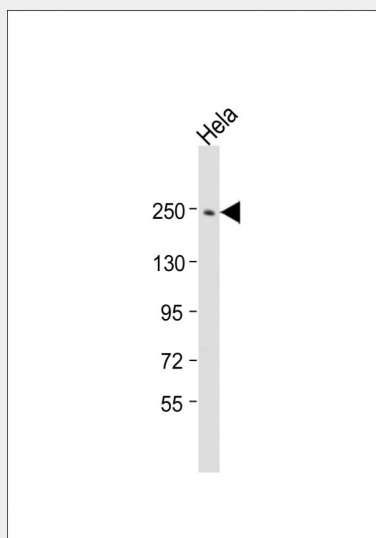
Widely expressed (at protein level). Specifically expressed in the CNS.

APC2 Antibody (N-Term) - 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](#)

APC2 Antibody (N-Term) - Images



Anti-APC2 Antibody (N-Term) at 1:2000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 244 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

APC2 Antibody (N-Term) - Background

Promotes rapid degradation of CTNNB1 and may function as a tumor suppressor. May function in Wnt signaling.

APC2 Antibody (N-Term) - References

Nakagawa H.,et al.Cancer Res. 58:5176-5181(1998).
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Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Carr I.M.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.
van Es J.H.,et al.Curr. Biol. 9:105-108(1999).