

APC2 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21858a

Product Information

Application	WB, E
Primary Accession	O95996
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53935
Calculated MW	243949

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.

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.

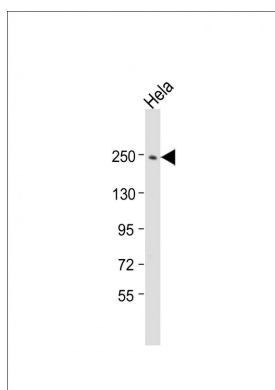
Background

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

References

Nakagawa H.,et al.Cancer Res. 58:5176-5181(1998).
Nakagawa H.,et al.Jpn. J. Cancer Res. 90:982-986(1999).
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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.