

APCL / APC2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS13563**Specification**

APCL / APC2 Antibody (Internal) - Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	O95996
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	244kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A

APCL / APC2 Antibody (Internal) - Additional Information**Gene ID** 10297**Other Names**

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

Target/Specificity

Human APC2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

APCL / APC2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

APCL / APC2 Antibody (Internal) - 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:<[a href="http://www.uniprot.org/citations/25753423"](http://www.uniprot.org/citations/25753423)>25753423). May also function in Wnt signaling by promoting the rapid degradation of CTNNB1 (PubMed:<[a href="http://www.uniprot.org/citations/10021369"](http://www.uniprot.org/citations/10021369)>10021369, PubMed:<[a href="http://www.uniprot.org/citations/11691822"](http://www.uniprot.org/citations/11691822)>11691822).

target="_blank">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

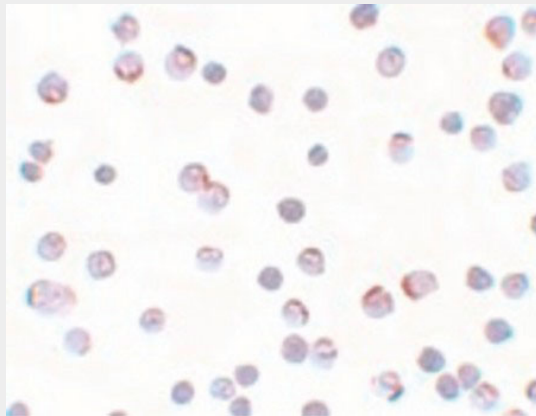
Widely expressed (at protein level). Specifically expressed in the CNS.

APCL / APC2 Antibody (Internal) - Protocols

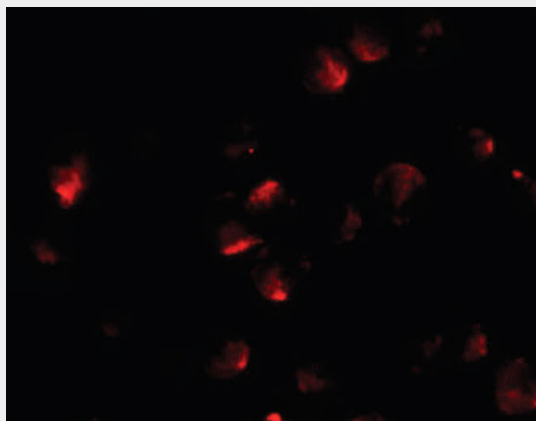
Provided below are standard protocols that you may find useful for product applications.

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

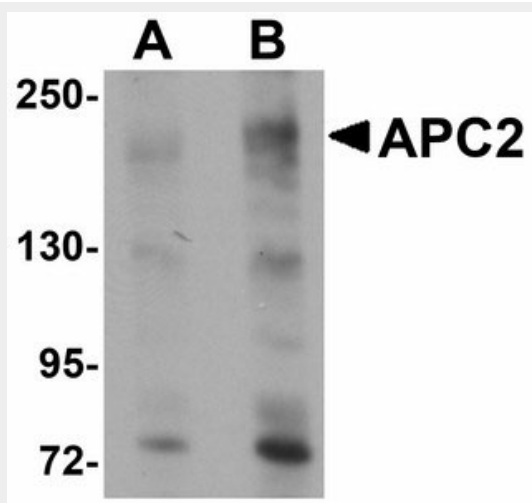
APCL / APC2 Antibody (Internal) - Images



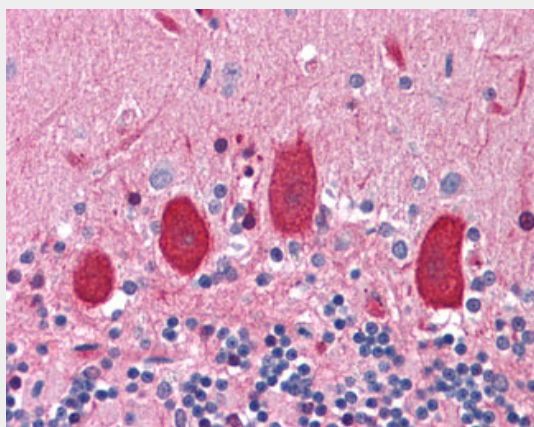
Immunocytochemistry of APC2 in HeLa cells with APC2 antibody at 5 ug/ml.



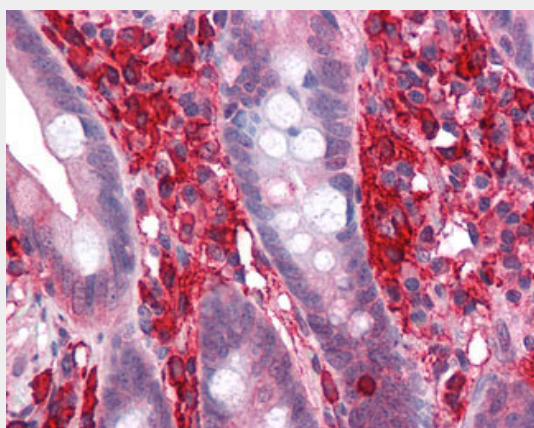
Immunofluorescence of APC2 in HeLa cells with APC2 antibody at 20 ug/ml.



Western blot of APC2 in HeLa cell lysate with APC2 antibody at (A) 1 and (B) 2 ug/ml.



Anti-APC2 antibody IHC of human brain, cortex.



Anti-APC2 antibody IHC of human small intestine.

APCL / APC2 Antibody (Internal) - Background

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

APCL / APC2 Antibody (Internal) - 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).