

APC2 Blocking Peptide (N-Term)

Synthetic peptide

Catalog # BP21858a

Specification**APC2 Blocking Peptide (N-Term) - Product Information**Primary Accession [O95996](#)**APC2 Blocking Peptide (N-Term) - Additional Information**

Gene ID 10297

Other NamesAdenomatous polyposis coli protein 2,
Adenomatous polyposis coli protein-like,
APC-like, APC2, APCL**Target/Specificity**The synthetic peptide sequence is selected
from aa 142-152 of HUMAN APC2**Format**Peptides are lyophilized in a solid powder
format. Peptides can be reconstituted in
solution using the appropriate buffer as
needed.**Storage**Maintain refrigerated at 2-8°C for up to 6
months. For long term storage store at
-20°C.**Precautions**This product is for research use only. Not
for use in diagnostic or therapeutic
procedures.**APC2 Blocking Peptide (N-Term) - Protein Information**Name APC2 ([HGNC:24036](#))

Synonyms APCL

FunctionStabilizes microtubules and may regulate
actin fiber dynamics through the activation
of Rho family GTPases (PubMed:<a href="h**APC2 Blocking Peptide (N-Term) - Background**Promotes rapid degradation of CTNNB1 and
may function as a tumor suppressor. May
function in Wnt signaling.**APC2 Blocking Peptide (N-Term) - 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).

<http://www.uniprot.org/citations/25753423> target="_blank">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 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)