10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

APCDD1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP13356a

Specification

APCDD1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q8J025

APCDD1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 147495

Other Names
Protein APCDD1, Adenomatosis polyposis coli down-regulated 1 protein, APCDD1 (HGNC:15718)

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13356a was selected from the N-term region of APCDD1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

APCDD1 Antibody (N-term) Blocking peptide - Protein Information

Name APCDD1 (HGNC:15718)

Function
Negative regulator of the Wnt signaling pathway. Inhibits Wnt signaling in a cell-autonomous manner and functions upstream of beta- catenin. May act via its interaction with Wnt and LRP proteins. May play a role in colorectal tumorigenesis.

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Abundantly expressed in heart, pancreas, prostate and ovary. Moderately expressed in lung, liver, kidney, spleen, thymus, colon and peripheral lymphocytes. Abundantly expressed in both the epidermal and dermal compartments of the hair follicle. Present in scalp skin Highly expressed in

the hair follicle dermal papilla, the matrix, and the hair shaft (at protein level)

APCDD1 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

APCDD1 Antibody (N-term) Blocking peptide - Images

APCDD1 Antibody (N-term) Blocking peptide - Background

This locus encodes an inhibitor of the Wnt signalingpathway. Mutations at this locus have been associated withhereditary hypotrichosis simplex. Increased expression of this genemay also be associated with colorectal carcinogenesis.

APCDD1 Antibody (N-term) Blocking peptide - References

Shimomura, Y., et al. Nature 464(7291):1043-1047(2010)Takahashi, M., et al. Cancer Res. 62(20):5651-5656(2002)