

Anti-APCDD1 antibody ab73063

[1 References](#) [1 Image](#)

Overview

Product name	Anti-APCDD1 antibody
Description	Mouse polyclonal to APCDD1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein within Human APCDD1. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.
Positive control	APCDD1 transfected 293T cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab73063 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 59 kDa.

Target

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.

Tissue specificity

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).

Involvement in disease

Defects in APCDD1 are a cause of hypotrichosis simplex (HTS) [MIM:605389]. HTS is a rare form of non-syndromic hereditary hypotrichosis without characteristic hair shaft anomalies. Affected individuals typically show normal hair at birth, but hair loss and thinning of the hair shaft start during early childhood and progress with age.

Sequence similarities

Belongs to the APCDD1 family.

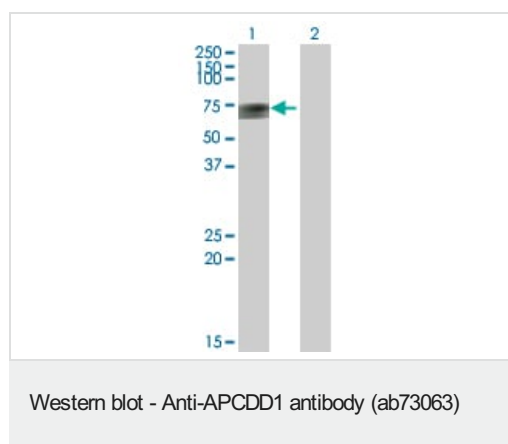
Post-translational modifications

N-Glycosylated.

Cellular localization

Cell membrane.

Images



All lanes : Anti-APCDD1 antibody (ab73063) at 1 µg/ml

Lane 1 : APCDD1 transfected 293T cell lysate

Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 59 kDa

Observed band size: 70 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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