For Research Use Only

APCDD1 Polyclonal antibody

Catalog Number:17024-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
17024-1-AP

Size:
450 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10303

GenBank Accession Number:
BC053324

GeneID (NCBI):
147495

UNIPROT ID:
Q8J025

Full Name:
adenomatosis polyposis coli down-regulated 1

Calculated MW:
514 aa, 59 kDa

Observed MW:
68 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000
IHC 1:50-1:500

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : COLO 320 cells, Raji cells, mouse brain tissue, mouse heart tissue, mouse skin tissue

IHC : human heart tissue,

Background Information

APCDD1(adenomatosis polyposis coli down-regulated 1) is a membrane-bound glycoprotein conserved during vertebrate evolution that regulates important biological processes controlled by Wnt signaling (PMID: 26170146). APCDD1 is a membrane-bound glycoprotein that is abundantly expressed in human HFs (hair follicles) and can interact in vitro with WNT3A and LRP5, two essential components of Wnt signaling (PMID: 20393562). APCDD1 may be modified by glycosylation.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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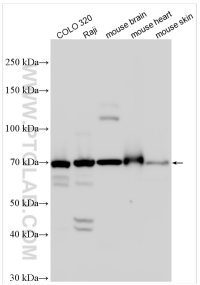
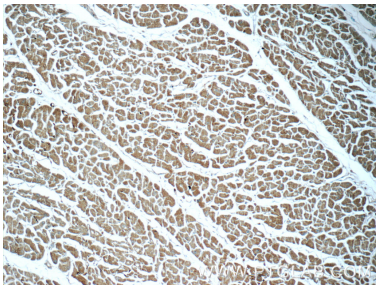
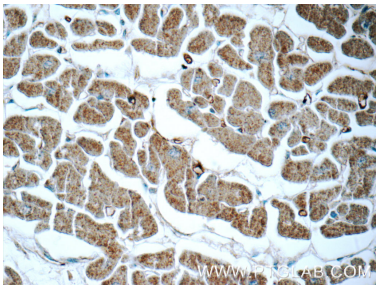
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17024-1-AP (APCDD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 17024-1-AP (APCDD1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 17024-1-AP (APCDD1 Antibody) at dilution of 1:50 (under 40x lens).