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## APCDD1 Rabbit pAb

Catalog Number: bs-1565R

Target Protein: APCDD1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Chicken, Dog)

Predicted MW: 56 kDa

Subcellular Cell membrane

Locations:

Entrez Gene: 147495

Swiss Prot: Q8J025

Source: KLH conjugated synthetic peptide derived from human APCDD1: 30-130/514.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** APCDD1 is a novel protein that has been shown to be a target of Wnt/beta catenin signaling pathway in cancer cell lines. APCDD1 is overexpressed in colorectal carcinogenesis and is deregulated in CTNNB1 mutated Wilms tumors. [FUNCTION] Probably plays a role in colorectal tumorigenesis. May be a developmental target gene of the Wnt/Beta-catenin pathway.

[SUBCELLULAR LOCATION] Membrane; Single-pass type I membrane protein (Potential).

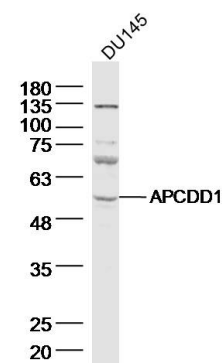
[TISSUE SPECIFICITY] Abundantly expressed in heart, pancreas, prostate and ovary.

Moderately expressed in lung, liver, kidney, spleen, thymus, colon and peripheral lymphocytes.

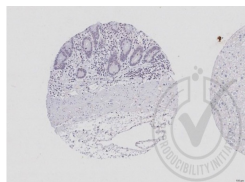
[INDUCTION] Transcriptionally regulated by the CTNNB1/TF7L2complex.

### VALIDATION IMAGES

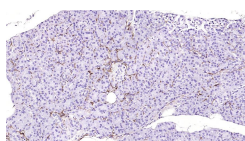
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Sample: DU145 Cell (Human) Lysate at 40 ug Primary: Anti-APCDD1 (bs-1565R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 56 kD



Images provided the Independent Validation Program (badge number 029637) Formalin-fixed and paraffin embedded human stomach labeled with Rabbit Anti-APCDD1 Polyclonal Antibody (bs-1565R) at 1:250 room temperature overnight followed by conjugation to secondary antibody.



Paraformaldehyde-fixed, paraffin embedded (Human pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (APCDD1) Polyclonal Antibody, Unconjugated (bs-1565R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=14.7] Sun Wenmin. et al. Altered chromatin topologies caused by balanced chromosomal translocation lead to central iris hypoplasia. NAT COMMUN. 2024 Jun;15(1):1-14 IF ; Human,Mouse . 38871723