

Rabbit PDZD2 Polyclonal Antibody | anti-PDZD2 antibody

Anti-PDZD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264013	Rabbit	Human, Mouse, Rat, Bovine, Dog	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PDZD2; Polyclonal Antibody; Anti-PDZD2 Antibody; AIPC; KIAA0300; PDZK3; PDZ domain-containing protein 2; Activated in prostate cancer protein; PDZ domain-containing protein 3; anti-PDZD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PDZD2 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-PDZD2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PDZD2. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



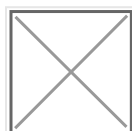
IF (Immunofluorescence)

Immunofluorescent analysis of PDZD2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PDZD2 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PDZD2 expression in PC3 (A), Hela (B), SGC7901 (C), CT26 (D), H9C2 (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PDZD2 antibody	Rabbit polyclonal antibody to PDZD2
---	-------------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	87196343
NCBI GeneID	23037
NCBI Accession #	NP_835260.2
NCBI GenBank Nucleotide #	NM_178140.2
UniProt Accession #	O15018; Q9QZR8
Molecular Weight	301,641 Da
NCBI Official Full Name	PDZ domain-containing protein 2
NCBI Official Synonym Full Names	PDZ domain containing 2
NCBI Official Symbol	PDZD2
NCBI Official Synonym Symbols	AIPC; PIN1; PAPIN; PDZK3
NCBI Protein Information	PDZ domain-containing protein 2; PDZ domain containing 3; PDZ domain-containing protein 3; activated in prostate cancer protein
UniProt Protein Name	PDZ domain-containing protein 2
UniProt Gene Name	PDZD2
UniProt Synonym Gene Names	AIPC; KIAA0300; PDZK3
UniProt Entry Name	PDZD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdzd2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/264013>