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Datasheet for ABIN185158
anti-PDZD2 antibody (N-Term)

3 Images

Overview

Quantity:	100 µg
Target:	PDZD2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PDZD2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	PAPIN / PDZK3
Immunogen:	PITQDNAVHLHLPLC
Sequence:	PITQDNAVHLH LPLC
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

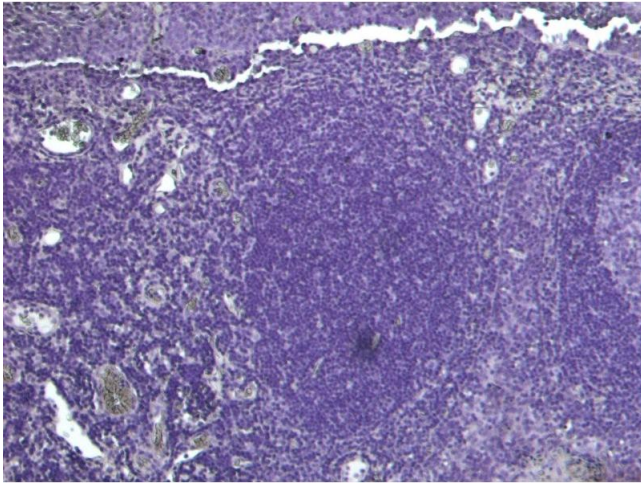
Target:	PDZD2
Alternative Name:	PDZD2 (PDZD2 Products)
Background:	PDZD2, PDZK3, PAPIN, KIAA0300, PDZ domain containing 3, PDZ domain containing 2, likely ortholog of rat plakophilin-related armadillo repeat protein-interacting PDZ protein, PDZ domain containing 2, AIPC, PIN1, activated in prostate cancer protein, plakop
Gene ID:	23037
NCBI Accession:	NP_835260

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunofluorescence: Expression of the protein seen in the plasma membrane and cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

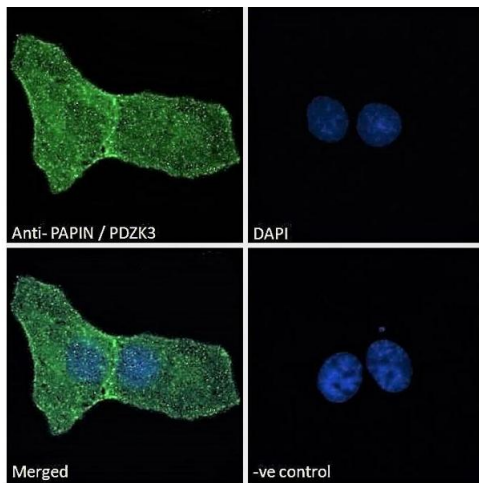
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



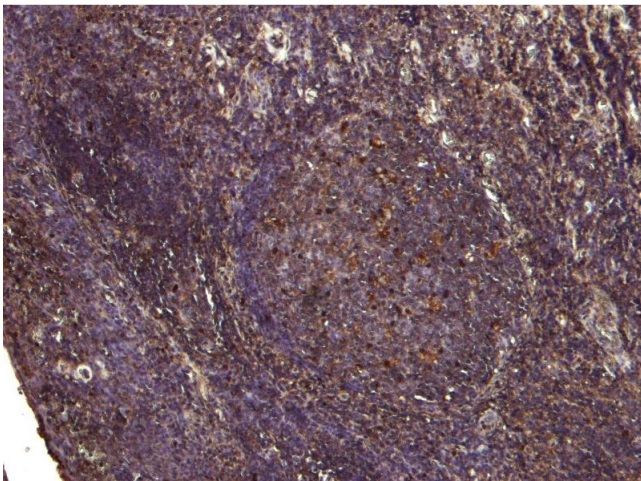
Immunohistochemistry

Image 1. (ABIN185158) Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



Immunofluorescence

Image 2. ABIN185158 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunohistochemistry

Image 3. (ABIN185158) (6 µg/mL) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.