

Datasheet for ABIN7183951

anti-PDZD2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PDZD2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDZD2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human PDZD2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	PDZD2
Alternative Name:	PDZD2 (PDZD2 Products)
Background:	Background: Proteins containing PDZ domains have been shown frequently to bind the C-termini of transmembrane receptors or ion channels. They have also been shown to bind to other PDZ domain proteins and could possibly be involved in intracellular signalling. The protein

Target Details

encoded by this gene contains six PDZ domains and shares sequence similarity with pro-interleukin-16 (pro-IL-16). Like pro-IL-16, the encoded protein localizes to the endoplasmic reticulum and is thought to be cleaved by a caspase to produce a secreted peptide containing two PDZ domains. In addition, this gene is upregulated in primary prostate tumors and may be involved in the early stages of prostate tumorigenesis.

Chaib H., Cancer Res. 61:2390-2394(2001).

Nagase T., DNA Res. 4:141-150(1997).

Aliases: PDZD2 antibody, AIPC antibody, KIAA0300 antibody, PDZK3 antibody, PDZ domain-containing protein 2 antibody, Activated in prostate cancer protein antibody, PDZ domain-containing protein 3) [Cleaved into: Processed PDZ domain-containing protein 2] antibody

UniProt: [O15018](#)

Application Details

Application Notes: IHC:1:50-1:100, IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

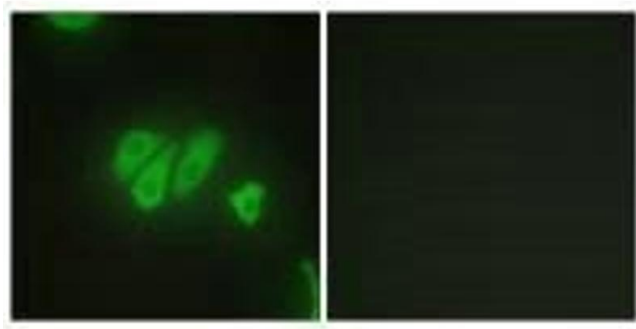
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

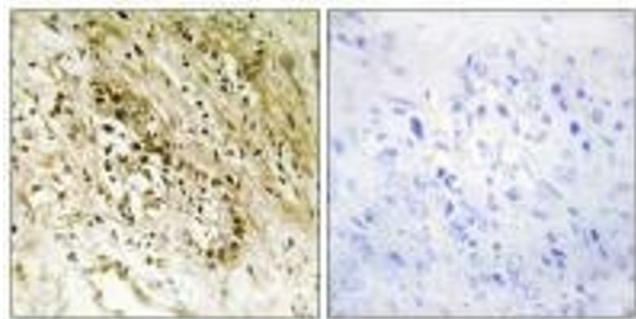
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells, using PDZD2 antibody.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using PDZD2 antibody.