

PDZD2 polyclonal antibody

Catalog # PAB6559

Size 100 ug

Specification

| | |
|--------------------------------|--|
| Product Description | Goat polyclonal antibody raised against synthetic peptide of PDZD2. |
| Immunogen | A synthetic peptide corresponding to human PDZD2. |
| Sequence | PITQDNAVLHLPLC |
| Host | Goat |
| Theoretical MW (kDa) | 304 |
| Form | Liquid |
| Purification | Antigen affinity purification |
| Concentration | 0.5 mg/mL |
| Quality Control Testing | Antibody Reactive Against Synthetic Peptide. |
| Recommend Usage | ELISA (1:32000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| Storage Instruction | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PDZD2

Entrez GeneID [23037](#)

Protein Accession# [NP_055837](#)

Gene Name PDZD2

Gene Alias AIPC, KIAA0300, PAPIN, PDZK3, PIN1

Gene Description PDZ domain containing 2

Omim ID [610697](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 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. [provided by RefSeq]

Other Designations

PDZ domain containing 3|activated in prostate cancer protein|plakophilin-related armadillo repeat protein-interacting PDZ protein-like

Publication Reference

- [PAPIN. A novel multiple PSD-95/Dlg-AZO-1 protein interacting with neural plakophilin-related armadillo repeat protein/delta-catenin and p0071.](#)

Deguchi M, Iizuka T, Hata Y, Nishimura W, Hirao K, Yao I, Kawabe H, Takai Y.

The Journal of Biological Chemistry 2000 Sep; 275(38):29875.

Application: IF, WB-Ti, WB-Tr, Monkey, Rat, COS, NRK cells, Rat brains, Rat bronchial epithelial cells

Disease

- [Tobacco Use Disorder](#)