

PDCD4 polyclonal antibody

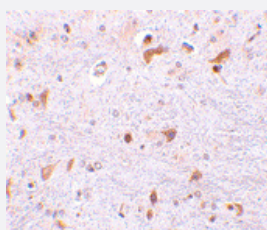
Catalog # PAB12978 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of PDCD4 in A-20 cell lysate with PDCD4 polyclonal antibody (Cat # PAB12978) at (A) 0.5 and (B) 1 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of PDCD4 in mouse brain tissue with PDCD4 polyclonal antibody (Cat # PAB12978) at 2.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PDCD4.
Immunogen	A synthetic peptide corresponding to C-terminus 19 amino acids of human PDCD4.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage 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

- Western Blot (Cell lysate)

Western blot analysis of PDCD4 in A-20 cell lysate with PDCD4 polyclonal antibody (Cat # PAB12978) at (A) 0.5 and (B) 1 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of PDCD4 in mouse brain tissue with PDCD4 polyclonal antibody (Cat # PAB12978) at 2.5 ug/mL .

Gene Info — PDCD4

Entrez GeneID	27250
Protein Accession#	NP_663314
Gene Name	PDCD4
Gene Alias	H731, MGC33046, MGC33047
Gene Description	programmed cell death 4 (neoplastic transformation inhibitor)
Omim ID	608610
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein localized to the nucleus in proliferating cells. Expression of this gene is modulated by cytokines in natural killer and T cells. The gene product is thought to play a role in apoptosis but the specific role has not yet been determined. Two transcripts encoding different isoforms have been identified. [provided by RefSeq]
Other Designations	OTTHUMP00000020483 nuclear antigen H731 programmed cell death 4

Publication Reference

- [Overview of cell death signaling pathways.](#)

Jin Z, El-Deiry WS.

Cancer Biol Ther 2005 Feb; 4(2):139.

- [Programmed cell death protein 4 suppresses CDK1/cdc2 via induction of p21\(Waf1/Cip1\).](#)

Goke R, Barth P, Schmidt A, Samans B, Lankat-Buttgereit B.

American Journal of Physiology. Cell Physiology 2004 Dec; 287(6):C1541.

- [Isolation of a novel mouse gene MA-3 that is induced upon programmed cell death.](#)

Shibahara K, Asano M, Ishida Y, Aoki T, Koike T, Honjo T.

Gene 1995 Dec; 166(2):297.

Application: WB-Ce, Mouse, Mouse lymphoid cell lines

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)