

Rabbit PDCD4 Polyclonal Antibody | anti-PDCD4 antibody

PDCD4 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290169	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

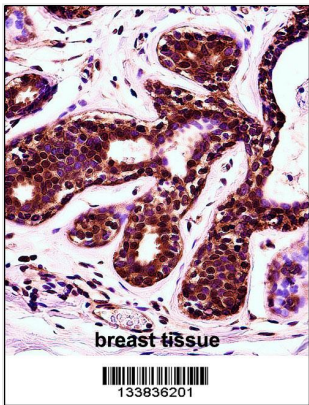
PRODUCT SYNONYMS

PDCD4; Polyclonal Antibody; PDCD4 Antibody (Center); Programmed cell death protein 4; Neoplastic transformation inhibitor protein; Nuclear antigen H731-like; Protein 197/15a; H731; anti-PDCD4 antibody

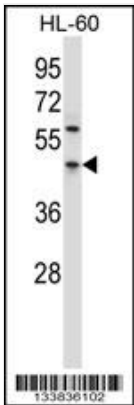
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDCD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 121-149 amino acids from the Central region of human PDCD4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	121-149
Sequence Length	458
Applicable Applications for anti-PDCD4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
PDCD4 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PDCD4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PDCD4 Antibody (Center) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the PDCD4 antibody detected the PDCD4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PDCD4 antibody	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.
Product Categories/Family for anti-PDCD4 antibody	Cancer; Cell biology
References	Hayashi, A., et al. Hum. Pathol. 41(11):1507-1515(2010) Zhang, X., et al. Cancer Sci. 101(10):2163-2170(2010) Wang, W., et al. Exp. Cell Res. 316(15):2456-2464(2010) Santhanam, A.N., et al. Oncogene 29(27):3921-3932(2010) Fassan, M., et al. Oncol. Rep. 24(1):135-139(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735596
NCBI GeneID	27250
NCBI Accession #	NP_055271.2; NP_663314.1
NCBI GenBank Nucleotide #	NM_014456.4
UniProt Accession #	Q53EL6; O15501; Q5VZS6; Q6PJI5; Q8TAR5; Q99834; B2RCV4; B5ME91
Molecular Weight	51735
NCBI Official Full Name	programmed cell death protein 4 isoform 1
NCBI Official Synonym Full Names	programmed cell death 4 (neoplastic transformation inhibitor)
NCBI Official Symbol	PDCD4
NCBI Official Synonym Symbols	H731
NCBI Protein Information	programmed cell death protein 4
UniProt Protein Name	Programmed cell death protein 4

UniProt Gene Name	PDCD4
UniProt Synonym Gene Names	H731
UniProt Entry Name	PDCD4_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pdcd4-antibody-immunohistochemistry-western-blot-elisa/290169>