

**PDCD4 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11233****Specification**

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**PDCD4 Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q53EL6</a>
Reactivity	Human, Mouse, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

**PDCD4 Antibody (C-Terminus) - Additional Information****Gene ID** 27250**Other Names**

Programmed cell death protein 4, Neoplastic transformation inhibitor protein, Nuclear antigen H731-like, Protein 197/15a, PDCD4, H731

**Target/Specificity**

Amino acids near the carboxyl terminus of human Pdcd4 protein.

**Reconstitution & Storage**

+4°C or -20°C, Avoid repeated freezing and thawing.

**Precautions**

PDCD4 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**PDCD4 Antibody (C-Terminus) - Protein Information****Name** PDCD4**Synonyms** H731**Function**

Inhibits translation initiation and cap-dependent translation. May exert its function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1, thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation. Binds RNA (By similarity).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q61823}. Cytoplasm {ECO:0000250|UniProtKB:Q61823}.

Note=Shuttles between the nucleus and cytoplasm (By similarity). Predominantly nuclear under

normal growth conditions, and when phosphorylated at Ser-457 (PubMed:16357133)

#### **Tissue Location**

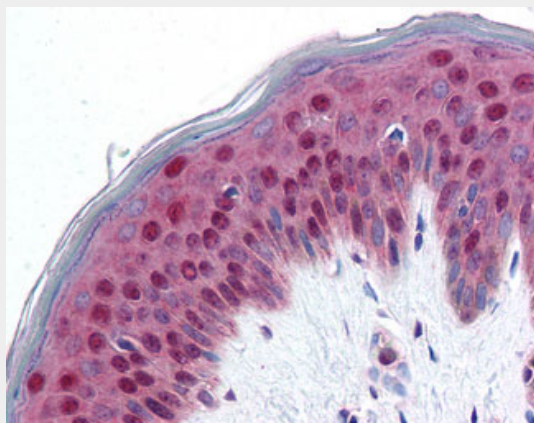
Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. Reduced expression in lung cancer and colon carcinoma.

#### **PDCD4 Antibody (C-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **PDCD4 Antibody (C-Terminus) - Images**



Anti-PDCD4 antibody IHC of human skin.

#### **PDCD4 Antibody (C-Terminus) - Background**

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#### **PDCD4 Antibody (C-Terminus) - References**

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Azzoni L., et al. J. Immunol. 161:3493-3500(1998).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Totoki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Deloukas P., et al. Nature 429:375-381(2004).