

Rabbit Anti-Human PDCD4 Polyclonal Antibody

Cat. No. CPBT-56409RH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Rabbit Polyclonal antibody to Human PDCD4.
Species	Human
Source	Rabbit
Antigen Description	This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants.
Isotype	IgG
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 350 - 450 of Human PDCD4.
Specificity	Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. Reduced expression in lung cancer and colon carcinoma.
Formulation	Liquid
Purity Detail	Immunogen affinity purified
Applications	IP, ICC/IF, WB
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence similarities	Belongs to the PDCD4 family. Contains 2 MI domains.
GENE INFORMATION	
Gene Name	PDCD4 programmed cell death 4 (neoplastic transformation inhibitor) [Homo sapiens]
Official Symbol	PDCD4
Synonyms	PDCD4; H731; MGC33046; MGC33047; programmed cell death 4 (neoplastic transformation inhibitor); programmed cell death protein 4; protein 197/15a; nuclear antigen H731; neoplastic transformation inhibitor protein; Nuclear antigen H731-like
Gene ID	27250
mRNA Refseq	NM_014456
Protein Refseq	NP_055271
MIM	608610
UniProt ID	Q53EL6
Chromosome Location	10q24
Pathway	mTOR signaling pathway
Function	RNA binding; binding; protein binding

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