



Pdcd-4 (phospho Ser67) rabbit pAb

Cat No.:ES5549

For research use only

Overview

Product Name	Pdcd-4 (phospho Ser67) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PDCD4 around the phosphorylation site of Ser67. AA range:33-82
Specificity	Phospho-Pdcd-4 (S67) Polyclonal Antibody detects endogenous levels of Pdcd-4 protein only when phosphorylated at S67.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Programmed cell death protein 4
Gene Name	PDCD4
Cellular localization	Nucleus . Cytoplasm . Shuttles between the nucleus and cytoplasm (By similarity). Predominantly nuclear under normal growth conditions, and when phosphorylated at Ser-457 (PubMed:16357133). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	56kD
Human Gene ID	27250
Human Swiss-Prot Number	Q53EL6
Alternative Names	PDCD4; H731; Programmed cell death protein 4; Neoplastic transformation inhibitor protein; Nuclear antigen H731-like; Protein 197/15a

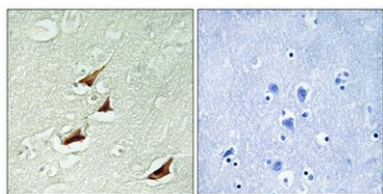




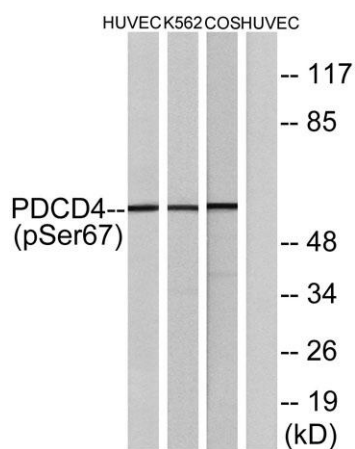
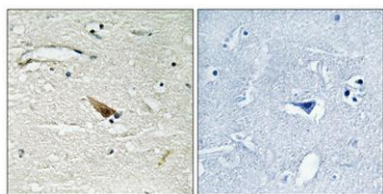
Background

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. [provided by RefSeq, Dec 2010],

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Western blot analysis of lysates from HUVEC cells, K562 cells and COS-7 cells, using PDCD4 (Phospho-Ser67) Antibody. The lane on the right is blocked with the phosphopeptide.

