PDCD4 (Phospho Ser67) Rabbit pAb

CatalogNo: YP0387

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse,Rat,Monkey	• WB,IHC,IF,ELISA

MW	Isotype
• 56kD (Observed)	• IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000
IHC 1:100-1:300
ELISA 1:10000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

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.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):KNsSR

Target Information

Gene name PDCD4

Protein Name Programmed cell death protein 4

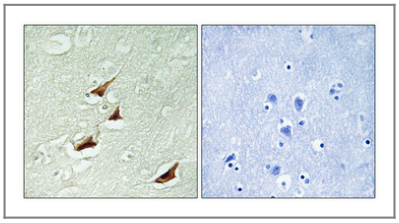
Organism	Gene ID	UniProt ID
Human	27250;	Q53EL6;
Mouse	18569;	Q61823;
Rat	64031;	Q9JID1;

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) . .

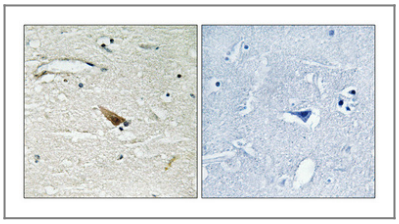
Tissue specificity Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. Reduced expression in lung cancer and colon carcinoma.

Function Caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data. ,Disease:Loss of expression correlated with tumor progression of lung and colon carcinoma. ,Domain:Binds EIF4A1 via the MA3 domains. ,Function:Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation. 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. Inhibits the helicase activity of EIF4A and cap-dependent translation. Binds RNA. ,induction:IL2 stimulation inhibits expression , while IL12 increases expression. ,sequence Caution:Contaminating sequence. Potential poly-A sequence. ,similarity:Belongs to the PDCD4 family. ,similarity:Contains 2 MI domains. ,subcellular location:Shuttles between the nucleus and cytoplasm. Predominantly nuclear under normal growth conditions. Exported from the nucleus in the absence of serum. ,subunit:Interacts with EIF4A1 and EIF4A2. ,tissue specificity:Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. ,

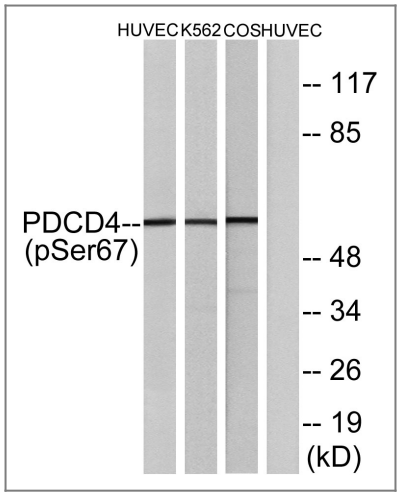
Validation Data



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4℃ overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



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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 phospho peptide.

Contact information

Orders:	order@immunoway.com
Support:	tech@immunoway.com
Telephone:	877-594-3616 (Toll Free), 408-747-0185
Website:	http://www.immunoway.com
Address:	2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information:
PDCD4 (Phospho Ser67) Rabbit pAb

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