For Research Use Only

PDCD11 Polyclonal antibody

Catalog Number:31405-1-AP

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Basic Information

Catalog Number:
31405-1-AP

Size:
150ul , Concentration: 400 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG35402

GenBank Accession Number:
BC049838

GeneID (NCBI):
22984

UNIPROT ID:
Q14690

Full Name:
programmed cell death 11

Observed MW:
209 kDa

Purification Method:
Antigen affinity Purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HEK-293 cells, HeLa cell

Background Information

PDCD11, also known as ALG-4, RRP5, or NFBP, possesses a series of S1 RNA-binding domains in the N-terminus with approximately 1,400 amino acids, followed by a tetratricopeptide repeat (TPR) domain in the C-terminus. Through S1 N-terminal domains, PDCD11 interacts with pre-rRNA to coordinate rRNA processing and assembly in the nucleolus. It also binds to Exonuclease-1 and upregulates Fas to induce cell apoptosis. Recently, PDCD11 was proved to interact with NF-κB subunits to suppress the expression of inflammatory cytokines and activate the TGFβ1 pathway, thereby modulating microglia differentiation during zebrafish development.(PMID: 38062028)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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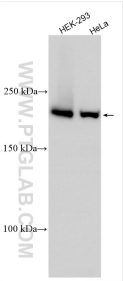
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31405-1-AP (PDCD11 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.