

For Research Use Only

PDCD11 Polyclonal antibody

Catalog Number: 31405-1-AP



Basic Information

Catalog Number: 31405-1-AP	GenBank Accession Number: BC049838	Purification Method: Antigen affinity Purification
Size: 400 ug/ml	GeneID (NCBI): 22984	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q14690	
Isotype: IgG	Full Name: programmed cell death 11	
Immunogen Catalog Number: AG35402	Observed MW: 209 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cell
Species Specificity: human	

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- κ B subunits to suppress the expression of inflammatory cytokines and activate the TGF β 1 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

For technical support and original validation data for this product please contact:

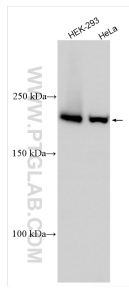
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31405-1-AP (PCD11 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.