

For Research Use Only

RIPK3 Monoclonal antibody

Catalog Number: 68786-2-Ig **1 Publications**



Basic Information

Catalog Number: 68786-2-Ig	GenBank Accession Number: BC062584	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 11035	CloneNo.: 1F7B3
Source: Mouse	UNIPROT ID: Q9Y572	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: receptor-interacting serine-threonine kinase 3	
Immunogen Catalog Number: AG11759	Calculated MW: 518 aa, 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, C2C12 cells, HT-29 cells, SK-BR-3 cells, mouse lung tissue, mouse pancreas tissue, rat pancreas tissue, MJ cells, THP-1 cells, Ramos cells
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

Background Information

RIPK3, also named as RIP3, a Ser/Thr kinase of RIP (Receptor Interacting Protein) family, is recruited to the TNFR1 signaling complex through RIP and has been shown to mediate apoptosis induction and NF- κ B activation. RIPK3 is a nucleocytoplasmic shuttling protein and its unconventional nuclear localization signal (NLS, 442-472 aa) is sufficient to trigger apoptosis in the nucleus (PMID:18533105). It has 3 isoforms produced by alternative splicing. RIPK3 might form a homodimer within cells, and its apoptotic activity may not be required for this dimerization (PMID:18533105).

Notable Publications

Author	Pubmed ID	Journal	Application
L Bai	39545792	Physiol Res	WB

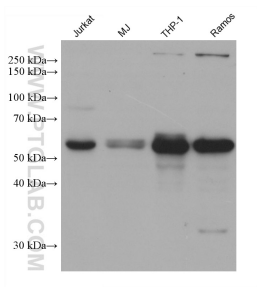
Storage

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

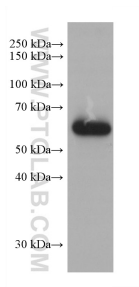
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

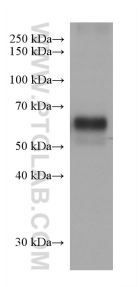
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



HT-29 cells were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



SK-BR-3 cells were subjected to SDS PAGE followed by western blot with 68786-2-Ig (RIPK3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.