

Anti-RIP Rabbit pAb



WL04522

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-RIP Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat, Rabbit	
Tested applications	Western blot	1:500-1:1000
	Immunohistochemistry	1:100-1:400
	Immunofluorescence	1:100-1:400
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>	
Molecular Wt.	76 kDa	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	RIPK1 (Receptor-interacting serine/threonine-protein kinase 1) is primarily involved in mediating TNF-R1-induced cell activation, apoptosis and necroptosis and belongs to a novel class of kinases that function in cell survival and cell death mechanisms. TRADD (TNF-R1-associated death domain) and FADD (FAS-associated death domain) associate with the death domains of both FAS and TNF-R1 via their DDH regions. Overexpression of TRADD leads to NFκB activation and apoptosis in the absence of TNF. Overexpression of FADD causes apoptosis, which can be blocked by the bovine pox protein CrmA, suggesting that FADD lies upstream of ICE and possibly other serine proteases.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of RIP.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

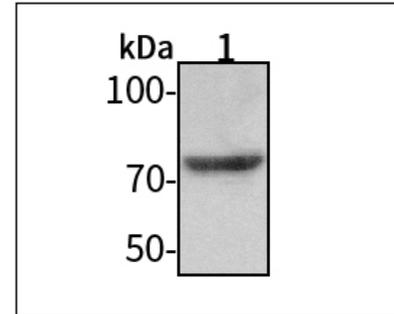
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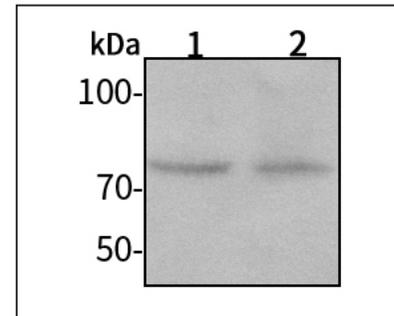
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Product Images



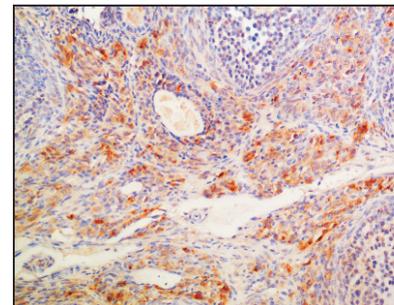
Western blot-Anti-RIP pAb

Lane 1: Human HEK-293 cell lysate 30µg
 Separation gel: 8% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Detection: ECL, 30s-2min



Western blot-Anti-RIP pAb

Lane 1: Mouse lung tissue lysate 30µg
 Lane 2: Rat colon tissue lysate 30µg
 Separation gel: 8% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Detection: ECL, 30s-2min



Immunohistochemistry-Anti-RIP pAb

Sample: Mouse ovary tissue
 Antigen retrieval: pH 9.0 Tris-EDTA buffer
 Primary antibody: 1:200, 4°C, overnight
 Secondary antibody-Biotin: 1:150, 37°C, 1h
 Streptavidin-HRP: 1:200, 37°C, 30min
 Visualization: DAB

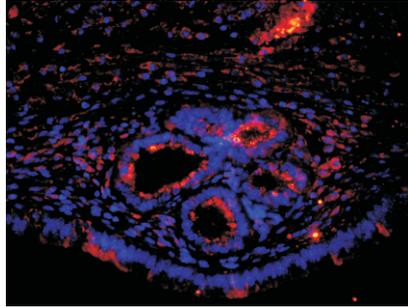


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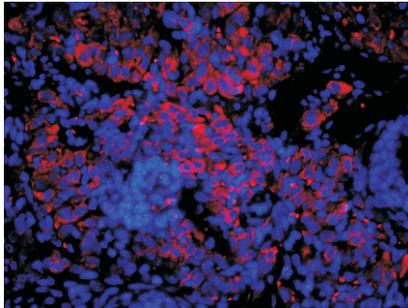


Immunofluorescence-Anti-RIP pAb

Sample: Mouse uterus tissue

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-CY3: 1:200, at room temperature, 1h



Immunofluorescence-Anti-RIP pAb

Sample: Rat ovary tissue

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-CY3: 1:200, at room temperature, 1h