

Product datasheet for **TA319759**

RIP (RIPK1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	E, IHC
Recommended Dilution:	IHC: 5 - 10 ug/ml. Peptide Elisa.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	RIP1 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human RIP1.
Formulation:	RIP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	RIP1 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa
Gene Name:	receptor interacting serine/threonine kinase 1
Database Link:	NP_003795 Entrez Gene 8737 Human Q13546



[View online »](#)

Background:

RIP1 Antibody: RIP1 (Receptor Interacting Protein), also known as RIPK1, is a crucial 74 kD adaptor kinase in several of stress-induced signaling pathways and on the crossroad of a cell's decision to live or die. RIP1 contains an N-terminal region with homology to protein kinases, an intermediate domain capable of association with MAPKKK and a C-terminal region containing a death domain motif present in the Fas and TNFR1 intracellular domains. Full length RIP1 is important for signalling to NF-kappa-B, MAPKs and necrosis, whereas caspase-8 generates a C-terminal RIP1 cleavage fragment, promoting TNF-induced apoptosis. It is required for TNFRSF1A-mediated and TLR3-induced NF-kappa-B activation. RIP1-deficient mice fail to thrive, displaying extensive apoptosis in both lymphoid and adipose tissues and dying at 1-3 days of age.

Synonyms:

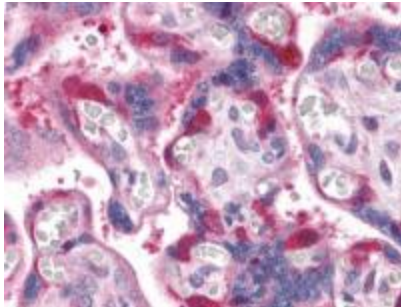
RIP; RIP-1; RIP1

Protein Families:

Druggable Genome, Protein Kinase

Protein Pathways:

Apoptosis, Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

Product images:

Immunohistochemistry of RIP1 in human placenta tissue with RIP1 antibody at 10 ug/mL.