

RIP1 Recombinant Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Protein corresponding to human RIPK1 [aa1-aa294]
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2716903

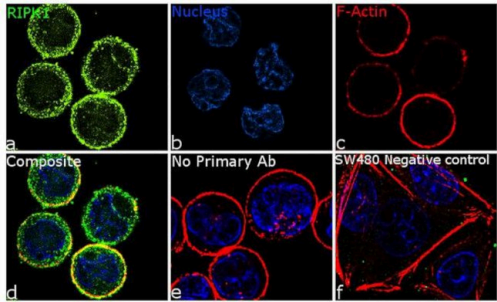
Applications	Tested Dilution	Publications
Western Blot (WB)	2.5 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

Product Specific Information

This antibody is predicted to react with Monkey, Horse, Cat

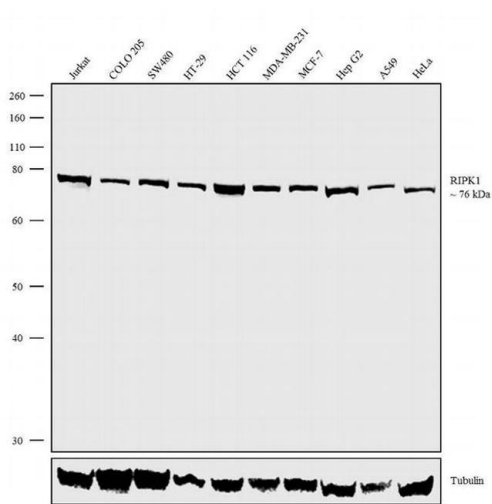
Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

Product Images For RIP1 Recombinant Polyclonal Antibody



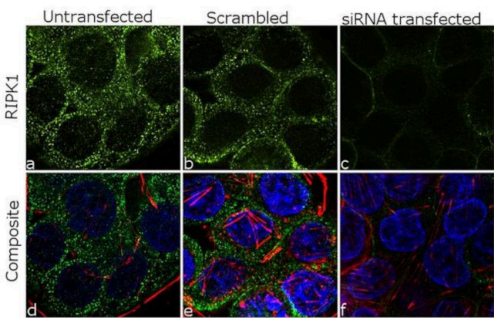
RIP1 Antibody (711689)

Antibody specificity was demonstrated by relative expression. Immunofluorescence analysis of RIPK1 using Anti-RIPK1 Recombinant Rabbit Polyclonal Antibody (Product # 711689) detects RIPK1 in cytoplasm of COLO-205 cells whereas no signal was observed in RIPK1 negative SW480 cells. {RE}



RIP1 Antibody (711689) in WB

Western blot analysis was performed on Membrane enriched extracts (30 µg lysate) of Jurkat (Lane 1), COLO 205 (Lane 2), SW480 (Lane 3), HT-29 (Lane 4), HCT 116 (Lane 5), MDA-MB-231 (Lane 6), MCF-7 (Lane 7), Hep G2 (Lane 8), A549 (Lane 9) and HeLa (Lane 10). The blots were probed with Anti-RIPK1 Recombinant Rabbit Polyclonal Antibody (Product # 711689, 2.5 µg/mL) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4000 dilution). A 76 kDa band corresponding to RIPK1 was observed across the cell lines tested. Known quantity of protein samples were electrophoresed using Novex®NuPAGE®4-12% Bis-Tris gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5% skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western blotting Substrate (Product # 32106).



RIP1 Antibody (711689)

Detection and subcellular localization of the target protein by genetic knock down demonstrates antibody specificity. Immunofluorescence analysis of RIPK1 using Anti-RIPK1 Recombinant Rabbit Polyclonal Antibody (Product # 711689) detects RIPK1 in cytoplasm of untransfected and scrambled RNA transfected HT29 cells, where as no signal was observed in RIPK1 specific siRNA transfected cells. {KD}

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