

Phospho-S6 (Ser235, Ser236) Recombinant Polyclonal Antibody (4HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotope	Rabbit / IgG
Class	Recombinant Polyclonal
Type	Antibody
Clone	4HCLC
Conjugate	Unconjugated
Immunogen	proprietary
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS
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_2532705

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	Assay-Dependent	
Immunofluorescence (IF)	✓	Assay-Dependent	
Western Blot (WB)	✓	2 µg/mL	

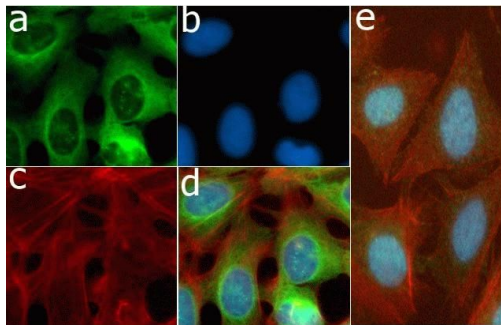
Product Specific Information

This antibody is predicted to react with bovine, goat, non-human primate, mouse and rat based on sequence homology.

Intact IgG appears on a non-reducing gel as ~150 kDa band and upon reduction generating a ~25 kDa light chain band and a ~50 kDa heavy chain.

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 Phospho-S6 (Ser235, Ser236) Recombinant Polyclonal Antibody (4HCLC)

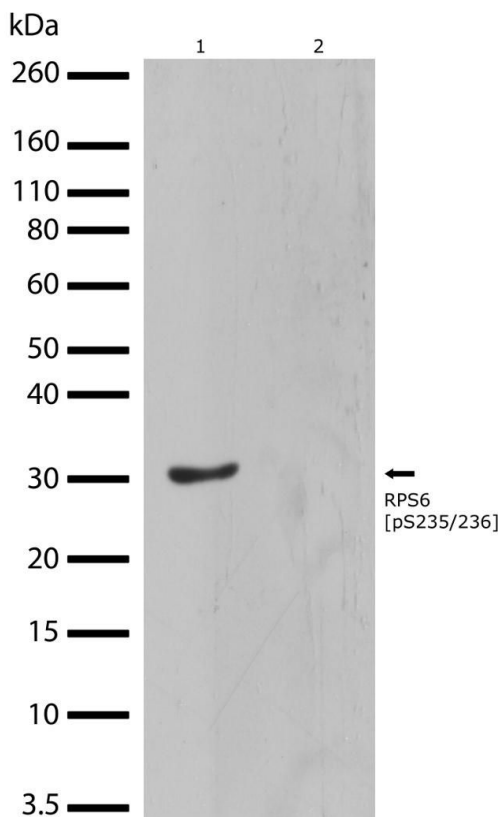


Phospho-S6 (Ser235, Ser236) Antibody (710394) in IF

Immunofluorescent analysis of Phospho-RPS6 pSer235/236 in U2OS cells using a Phospho-RPS6 pSer235/236 recombinant rabbit oligoclonal antibody (Product # 710394) followed by detection using an Alexa Fluor 488-conjugated goat anti-rabbit secondary antibody (green) (Image A). Nuclei were stained using DAPI (Image B) and actin stained with Alexa Fluor 594 phalloidin (red) (image C). Image D is a composite image showing cytoplasmic localization of RPS6 (pS235/236) and Image E is a composite image showing specificity to phosphorylation (competition with phosphopeptide).

Phospho-S6 (Ser235, Ser236) Antibody (710394) in WB

Western blot analysis of Phospho-RPS6 pSer235/236 in Hela cells treated with Calyculin A (30 μ g) using a Phospho-RPS6 pSer235/236 recombinant rabbit oligoclonal antibody (Product # 710394) at a dilution of 2 μ g/mL. To confirm specificity, competition was performed by preincubation with the phosphopeptide to inhibit antibody binding (lane 2). Samples were detected using chemiluminescence (ECL). Results show a band at ~31 kDa.



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