H3.3 G34R oncohistone mutant Recombinant Polyclonal Antibody (3HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Polyclonal
Type	Antibody
Clone	3HCLC
Conjugate	Unconjugated
Immunogen	Peptides corresponding to human H3.3 G34R [STGRVKKPH; STGVVKKPH]
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_2784605

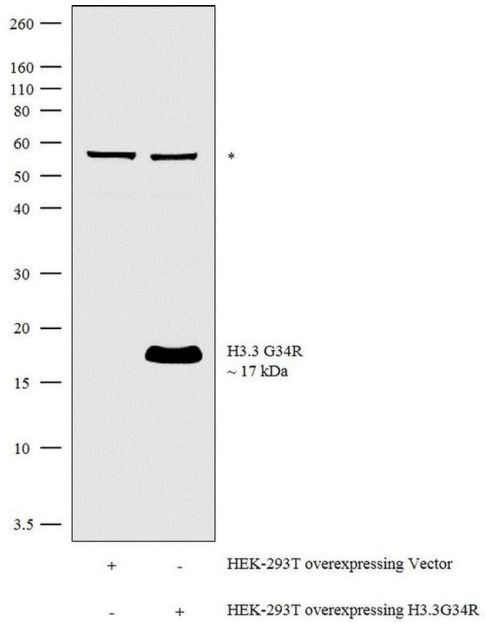
Applications	Tested Dilution	Publications
Western Blot (WB)	1:250	-

Product Specific Information

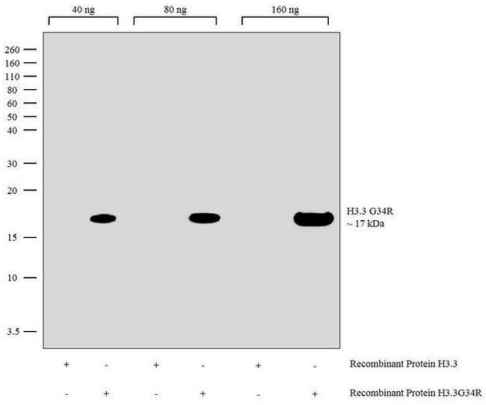
This antibody is predicted to react with Monkey, Frog.

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 H3.3 G34R oncohistone mutant Recombinant Polyclonal Antibody (3HCLC)



H3.3 G34R oncohistone mutant Antibody (711969) in WB
Western blot analysis was performed using whole cell extracts prepared from control (vector only transfected) or FLAG-tagged histone H3.3 G34R overexpressing HEK-293T cells. The blot was probed with Anti-H3.3G34R Recombinant Rabbit Polyclonal Antibody (Product # 711969, 1:250 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/ml, 1:4000 dilution). Presence of a 17 kDa band corresponding to H3.3G34R only in histone H3.3G34R overexpressing HEK-293T cells confirms the specificity of H3.3G34R antibody. (Note: A non-specific band was detected at ~55kDa).



H3.3 G34R oncohistone mutant Antibody (711969) in WB
Western blot analysis was performed on different concentrations of H3.3 recombinant protein (Wild-type) and H3.3 G34R recombinant protein (Mutant). The blot was probed with Anti-H3.3G34R Recombinant Rabbit Polyclonal Antibody (Product # 711969, 1:250 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 17 kDa band corresponding to H3.3G34R was observed only in the mutant recombinant protein.

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