

PINK1 Recombinant Polyclonal Antibody (15HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Recombinant Polyclonal
Type	Antibody
Clone	15HCLC
Conjugate	Unconjugated
Immunogen	Peptide corresponding to human PINK1 [aa292-aa310]
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_2848250

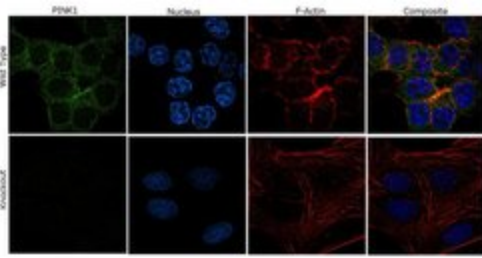
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	1:100	-

Product Specific Information

This antibody is predicted to Mouse, Rat, Bovine.

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.

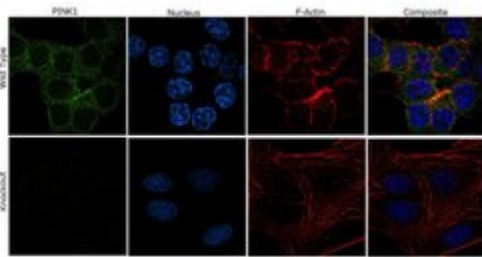
Advanced Verification Data



PINK1 Antibody (712654)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in PINK1 knockout (KO) cell line compared to wild type cell line using Anti-PINK1 Recombinant Rabbit Polyclonal Antibody (Product # 712654). Knockout validation info.

Product Images For PINK1 Recombinant Polyclonal Antibody (15HCLC)



PINK1 Antibody (712654) in ICC/IF

For immunofluorescence analysis, U-2 OS Wild type and U-2 OS PINK1 knockout cells were fixed and permeabilized for detection of endogenous PINK1 using Anti-PINK1 Recombinant Rabbit Polyclonal Antibody (Product # 712654, 1:100 dilution), followed by Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034, 1:2000). Nuclei (blue) were stained using ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962), and Rhodamine Phalloidin (Product # R415, 1:300) was used for cytoskeletal F-actin (red) staining. Loss of signal upon CRISPR mediated knockout (KO) confirms that antibody is specific to PINK1.

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