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Product data sheet

# PIK3R4 Polyclonal Antibody

## Catalog Number PA5-21848

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P)) Western Blot (WB)	1:100-1:1,000
Туре	Antibody		1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 381 of PIK3R4 (Uniprot ID#Q99570)	Immunocytochemistry (ICC/IF) 1:100-1:1,000 1:100-1:1,000 1:100-1:1,000	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.8 mg/mL		

#### Product specific information

**Storage Conditions** 

PA5-21848 targets p150(PIK3R4) in ICC, IF, IHC (P), and WB applications and shows reactivity with Human and mouse samples. The PA5-21848 immunogen is a recombinant fragment corresponding to a region within amino acids 1 and 381 of PIK3R4 (Uniprot ID#Q99570).

-20° C, Avoid Freeze/Thaw Cycles

### Background/Target Information

Regulatory subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis. Involved in regulation of degradative endocytic trafficking and cytokinesis, probably in the context of PI3KC3-C2 (PubMed:20643123). [UniProt]

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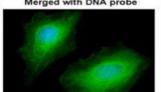
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#### Product Images For PIK3R4 Polyclonal Antibody







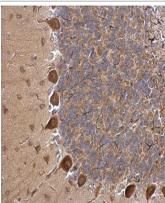
#### PIK3R4 Antibody (PA5-21848) in IHC (P)

PIK3R4 Antibody (PA5-21848) in ICC/IF

antibody (Product # PA5-21848) at a 1:200 dilution.

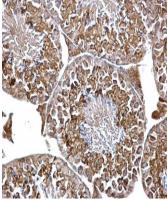
Immunohistochemical analysis of p150 (PIK3R4) in the cytosol of paraffin-embedded mouse fore brain tissue using a p150 (PIK3R4) polyclonal antibody (Product # PA5-21848) at a dilution of 1:500.

Immunofluorescent analysis of p150 (PIK3R4) in paraformaldehyde-fixed HeLa cells using a p150 (PIK3R4) polyclonal



#### PIK3R4 Antibody (PA5-21848) in IHC (P)

Immunohistochemical analysis of p150 (PIK3R4) in the cytosol of paraffin-embedded rat hind brain tissue using a p150 (PIK3R4) polyclonal antibody (Product # PA5-21848) at a dilution of 1:500.



#### PIK3R4 Antibody (PA5-21848) in IHC (P)

Immunohistochemical analysis of p150 (PIK3R4) in the cytosol of paraffin-embedded mouse testis tissue using a p150 (PIK3R4) polyclonal antibody (Product # PA5-21848) at a dilution of 1:500.

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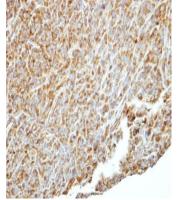
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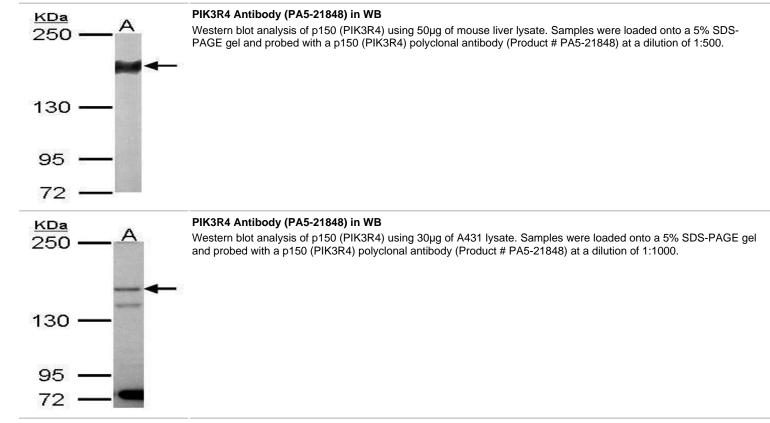
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### PIK3R4 Antibody (PA5-21848) in IHC (P)

Immunohistochemical analysis of p150 (PIK3R4) in paraffin-embedded SAS xenograft using a p150 (PIK3R4) polyclonal antibody (Product # PA5-21848) at a dilution of 1:500.





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