

AKT3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 164 of Human AKT3
Form	Liquid
Concentration	2.15 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547170

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	1 Publication

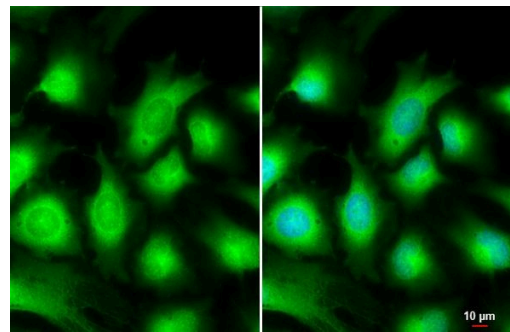
Product Specific Information

Recommended positive controls: Raji, mouse brain, AKT3-transfected 293T cells.

Predicted reactivity: Mouse (100%), Rat (99%), Pig (100%), Rhesus Monkey (100%), Chimpanzee (100%), Bovine (100%).

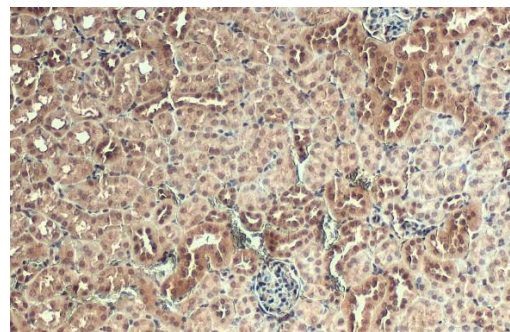
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For AKT3 Polyclonal Antibody



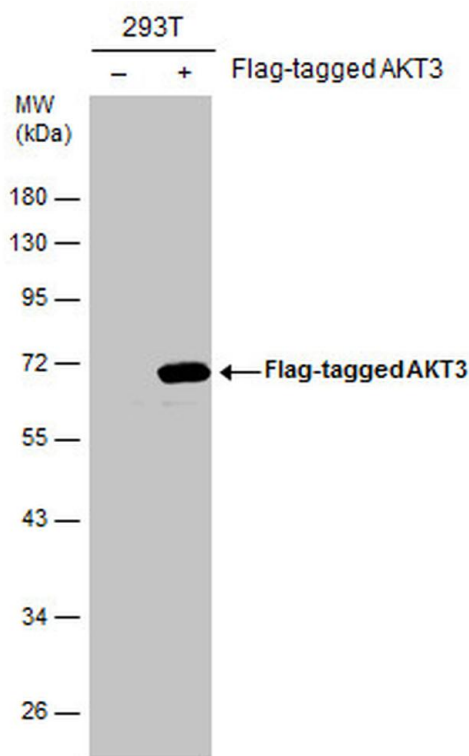
AKT3 Antibody (PA5-29696) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of AKT3 was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: AKT3 Polyclonal Antibody (Product # PA5-29696) diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



AKT3 Antibody (PA5-29696) in IHC (P)

AKT3 Polyclonal Antibody detects AKT3 protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. AKT3 stained by AKT3 Polyclonal Antibody (Product # PA5-29696) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



AKT3 Antibody (PA5-29696) in WB

Western Blot analysis of AKT3 was performed by separating 30 μ g of non-transfected (-) and transfected (+) 293T whole cell extracts by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a AKT3 Polyclonal Antibody (Product # PA5-29696) at a dilution of 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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Western Blot (1)

<p>Aging</p> <p>AKT3 deficiency in M2 macrophages impairs cutaneous wound healing by disrupting tissue remodeling.</p> <p>"Published figure using AKT3 polyclonal antibody (Product # PA5-29696) in Western Blot"</p> <p>Authors: Gu S,Dai H,Zhao X,Gui C,Gui J</p>	<p>Year</p> <p>2020</p> <p>Species</p> <p>Human</p>
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Immunohistochemistry (1)

<p>Aging</p> <p>AKT3 deficiency in M2 macrophages impairs cutaneous wound healing by disrupting tissue remodeling.</p> <p>"Published figure using AKT3 polyclonal antibody (Product # PA5-29696) in Western Blot"</p> <p>Authors: Gu S,Dai H,Zhao X,Gui C,Gui J</p>	<p>Year</p> <p>2020</p> <p>Species</p> <p>Human</p>
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Immunocytochemistry (1)

<p>Aging</p> <p>AKT3 deficiency in M2 macrophages impairs cutaneous wound healing by disrupting tissue remodeling.</p> <p>"Published figure using AKT3 polyclonal antibody (Product # PA5-29696) in Western Blot"</p> <p>Authors: Gu S,Dai H,Zhao X,Gui C,Gui J</p>	<p>Year</p> <p>2020</p> <p>Species</p> <p>Human</p>
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