

AKT1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 259 of Human AKT1
Form	Liquid
Concentration	0.47 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
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_2546645

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	-	1 Publication
Immunoprecipitation (IP)	1:100-1:500	-

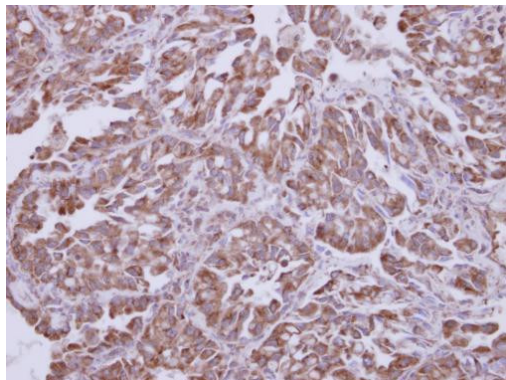
Product Specific Information

Recommended positive controls: HA-AKT transfected HeLa cell, mouse liver.

Predicted reactivity: Mouse (98%), Rat (97%), Zebrafish (84%), Xenopus laevis (90%), Cat (98%), Pig (96%), Chicken (96%), Sheep (96%), Rhesus Monkey (99%), Bovine (94%).

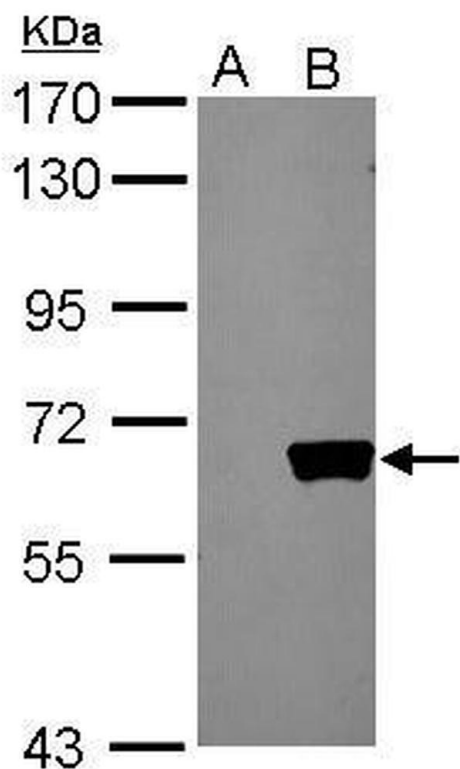
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For AKT1 Polyclonal Antibody



AKT1 Antibody (PA5-29169) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human lung adenocarcinoma, using Akt1 (Product # PA5-29169) antibody at 1:250 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.

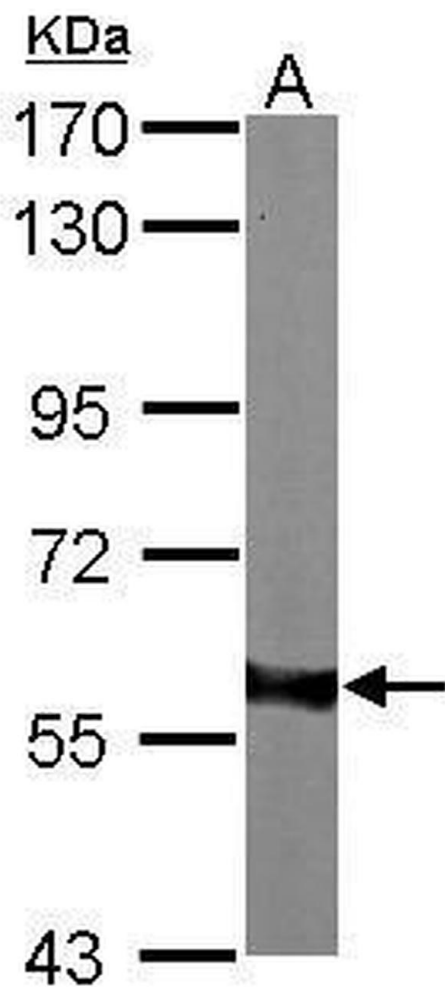


AKT1 Antibody (PA5-29169) in WB

Western Blot using AKT1 Polyclonal Antibody (Product # PA5-29169). Sample (20 µg of whole cell lysate). Lane A: HeLa cell lysate. Lane B: HeLa cell transfected with AKT. 7.5% SDS PAGE. AKT1 Polyclonal Antibody (Product # PA5-29169) diluted at 1:10,000.

AKT1 Antibody (PA5-29169) in WB

Western Blot using AKT1 Polyclonal Antibody (Product # PA5-29169). Sample (50 µg of whole cell lysate). Lane A: mouse liver . 7.5% SDS PAGE. AKT1 Polyclonal Antibody (Product # PA5-29169) diluted at 1:1,000.



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Western Blot (1)

Journal of healthcare engineering	Year 2022
Study on Toll-Like Receptor 2-Mediated Inflammation-Induced Familial Hypertension Combined with Hyperlipemia and Its Mechanism.	Species Mouse
"PA5-29169 was used in Western Blot to investigate the influence of Toll-like receptor 2- (TLR2-) mediated inflammation on the occurrence and development of familial hypertension combined with hyperlipemia and its related mechanism."	Dilution 1:4000
Authors: Liu J,Li C,Wang Q,Hu H,Li C,Qian J	

Immunohistochemistry (1)

eLife	Year 2018
Tumor initiating cells induce Cxcr4-mediated infiltration of pro-tumoral macrophages into the brain.	
"Published figure using AKT1 polyclonal antibody (Product # PA5-29169) in Immunofluorescence"	
Authors: Chia K,Mazzolini J,Mione M,Sieger D	

Immunocytochemistry (1)

eLife	Year 2018
Tumor initiating cells induce Cxcr4-mediated infiltration of pro-tumoral macrophages into the brain.	
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Authors: Chia K,Mazzolini J,Mione M,Sieger D	

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