

Rabbit Pan-AKT Monoclonal Antibody | anti-Pan-AKT antibody

Pan-AKT Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28311	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

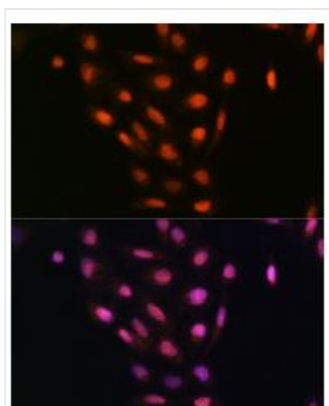
PRODUCT SYNONYMS

Pan-AKT; Monoclonal Antibody; Pan-AKT Rabbit mAb; AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA; anti-Pan-AKT antibody

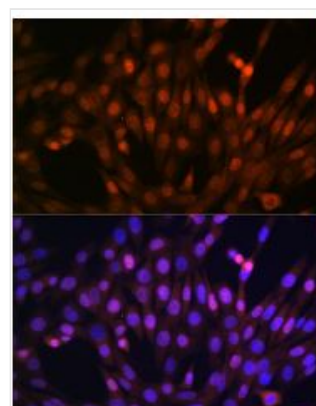
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.
Applicable Applications for anti-Pan-AKT antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB 1:500 - 1:2000; IHC 1:50 - 1:200; IF 1:50 - 1:200
Immunogen	A synthesized peptide derived from human Pan-AKT.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES

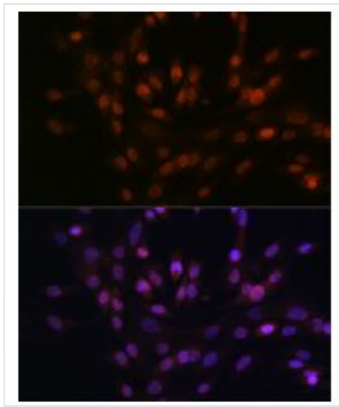


IF (Immunofluorescence)

Immunofluorescence analysis of U-2OS cells using Pan-AKT antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.


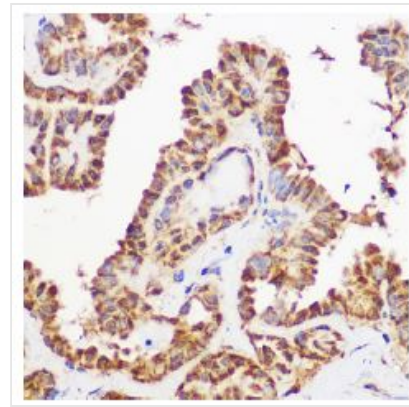
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Pan-AKT antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.



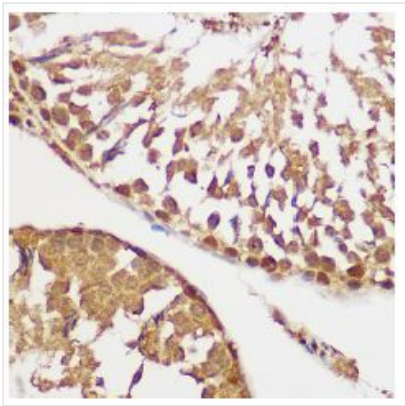
IF (Immunofluorescence)

Immunofluorescence analysis of C6 using Pan-AKT antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



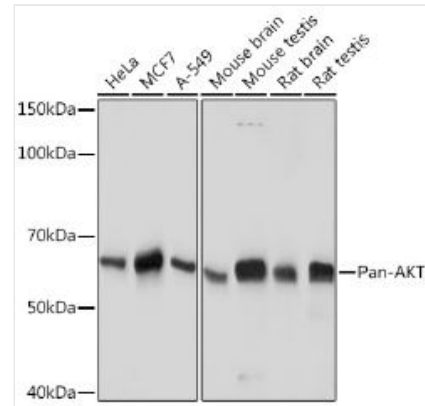
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid using Pan-AKT antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using Pan-AKT antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Pan-AKT antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

NCBI AND UNIPROT INFORMATION

NCBI GI #	60391226
NCBI GeneID	207
UniProt Accession #	P31749; Q9BWB6; B2RAM5; B7Z5R1
Molecular Weight	60kDa
NCBI Official Full Name	RAC-alpha serine/threonine-protein kinase
NCBI Official Synonym Full Names	AKT serine/threonine kinase 1
NCBI Official Symbol	AKT1
NCBI Official Synonym Symbols	AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
NCBI Protein Information	RAC-alpha serine/threonine-protein kinase
UniProt Protein Name	RAC-alpha serine/threonine-protein kinase
UniProt Gene Name	AKT1
UniProt Synonym Gene Names	PKB; RAC; PKB; PKB alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

