

Mouse Pan AKT Monoclonal Antibody | anti-Pan AKT antibody

Pan AKT mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62483	Mouse	Human, Mouse, Rat	Immunoprecipitation, Western Blot

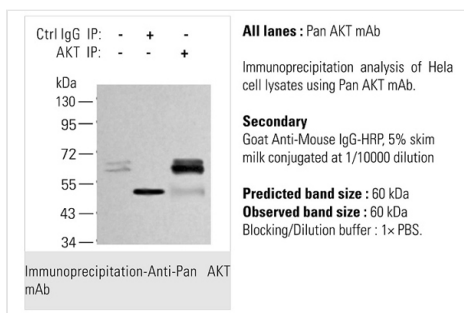
PRODUCT SYNONYMS

Pan AKT; Monoclonal Antibody; Pan AKT mAb; anti-Pan AKT antibody

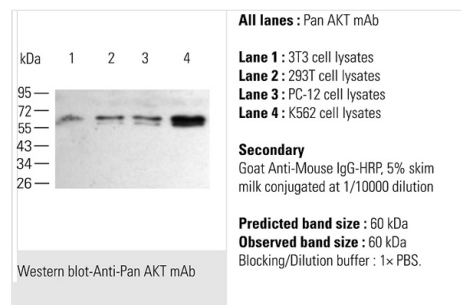
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	480
Applicable Applications for anti-Pan AKT antibody	IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing animals with a polypeptide corresponding to Pan AKT protein.
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze / thaw cycle.

IMAGES



IP (Immunoprecipitation)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-Pan AKT antibody	Akt, also referred to as PKB or Rac, is a serine/threonine-specific protein kinase that plays a key role in multiple cellular processes such as glucose metabolism, apoptosis, cell proliferation, transcription and cell migration. Akt regulates cellular survival and metabolism by binding and regulating many downstream effectors (e.g. Nuclear Factor-kappaB, Bcl-2 family proteins, master lysosomal regulator TFEB and murine double minute 2).
Product Categories/Family for anti-Pan AKT antibody	Signaling ; Apoptosis ; Signaling pathways

NCBI AND UNIPROT INFORMATION

NCBI GI #	62241013
NCBI GeneID	207
NCBI Accession #	NP_001014431.1
NCBI GenBank Nucleotide #	NM_001014431.1
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pan-akt-antibody-immunoprecipitation-western-blot-elisa/62483>