

Mouse AKT3 Monoclonal Antibody | anti-AKT3 antibody

AKT3 (v-akt murine Thymoma Viral Oncogene Homolog 3 (Protein Kinase B, gamma), DKFZp434N0250, PKB-GAMMA, PKBG, PRKBG, RAC-PK-gamma, RAC-gamma, STK-2) (Biotin)

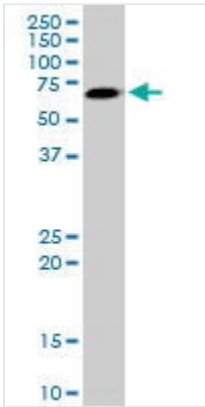
CATALOG # AAA26179	HOST Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

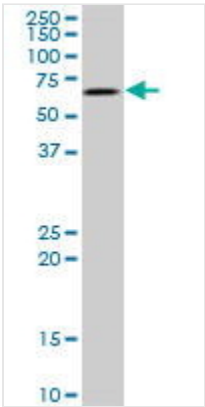
AKT3; Monoclonal Antibody; AKT3 (v-akt murine Thymoma Viral Oncogene Homolog 3 (Protein Kinase B; gamma); DKFZp434N0250; PKB-GAMMA; PKBG; PRKBG; RAC-PK-gamma; RAC-gamma; STK-2) (Biotin); v-akt murine Thymoma Viral Oncogene Homolog 3 (Protein Kinase B; STK-2; anti-AKT3 antibody

PRODUCT SPECIFICATIONS

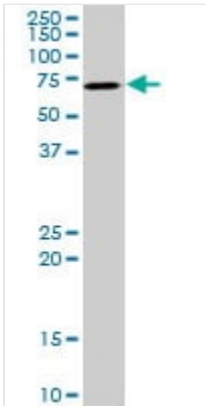
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3F3
Specificity	Recognizes AKT3.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Sequence Length	479
Applicable Applications for anti-AKT3 antibody	WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	AKT3 (AAD29089, 100aa-189aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	EAIQAVADRLQRQEEERMNCSPTSQIDNIGEEEMDASTTHHKRKTMNDFDYLKLLGKGTFGKVILVREKASGKYYAMKILKKEVIAKDE
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.



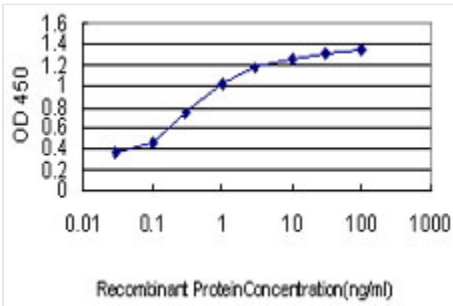
WB (Western Blot)
AKT3 monoclonal antibody (M03), clone 3F3. Western Blot analysis of AKT3 expression in PC-12.



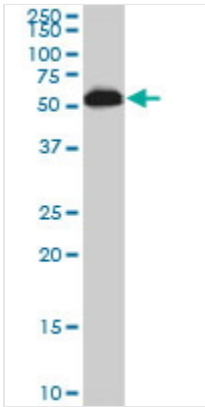
WB (Western Blot)
AKT3 monoclonal antibody (M03), clone 3F3. Western Blot analysis of AKT3 expression in Raw 264.7.



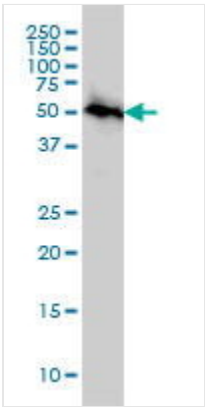
WB (Western Blot)
AKT3 monoclonal antibody (M03), clone 3F3. Western Blot analysis of AKT3 expression in NIH/3T3.



Application Data
Detection limit for recombinant GST tagged AKT3 is approximately 0.03ng/ml as a capture antibody.



WB (Western Blot)
AKT3 monoclonal antibody (M03), clone 3F3. Western Blot analysis of AKT3 expression in MCF-7.



WB (Western Blot)
AKT3 monoclonal antibody (M03), clone 3F3 Western Blot analysis of AKT3 expression in HeLa.

ADDITIONAL INFORMATION

Related Product Information for anti-AKT3 antibody

The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757579
NCBI GeneID	10000
NCBI Official Full Name	protein kinase B gamma
NCBI Official Synonym Full Names	AKT serine/threonine kinase 3
NCBI Official Symbol	AKT3
NCBI Official Synonym Symbols	MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma
NCBI Protein Information	RAC-gamma serine/threonine-protein kinase

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/akt3-antibody-clone-3f3-western-blot-elisa/26179>