

Rabbit Akt2 Polyclonal Antibody | anti-Akt2 antibody

Akt2 antibody

CATALOG # AAA224921	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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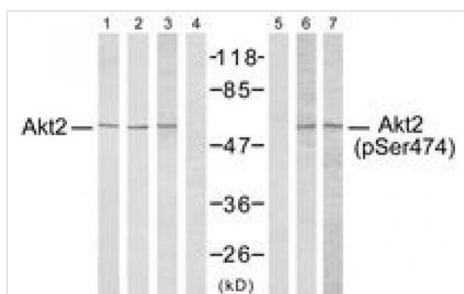
PRODUCT SYNONYMS

Akt2; Polyclonal Antibody; Akt2 antibody; Rabbit polyclonal Akt2 antibody; Polyclonal Akt2 antibody; Anti-Akt2 antibody; Akt 2; Akt-2 antibody; Akt-2; Ab 474 antibody; RAC-beta serine/threonine-protein kinase antibody; Akt 2 antibody; anti-Akt2 antibody

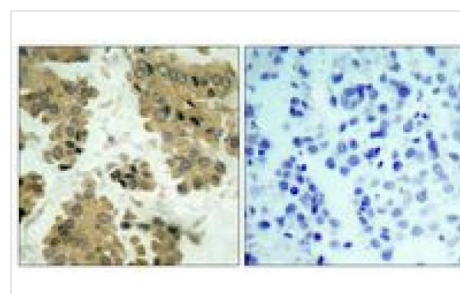
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	344
Applicable Applications for anti-Akt2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Akt2 antibody was raised in Rabbit using the peptide sequence around aa 472~476 (Q-F-S-Y-S) derived from Human Akt2 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of extracts from 293 and PC12 cells using Akt2 antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Akt2 antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-Akt2 antibody	Akt2 is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains. The gene was shown to be amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. Overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers.
Product Categories/Family for anti-Akt2 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	116283837
NCBI GeneID	208
Molecular Weight	51,083 Da
NCBI Official Full Name	AKT2 protein, partial
NCBI Official Synonym Full Names	AKT serine/threonine kinase 2
NCBI Official Symbol	AKT2
NCBI Official Synonym Symbols	PKBB; PRKBB; HIHGGH; PKBBETA; RAC-BETA
NCBI Protein Information	RAC-beta serine/threonine-protein kinase
UniProt Protein Name	RAC-beta serine/threonine-protein kinase
UniProt Gene Name	AKT2
UniProt Synonym Gene Names	PKB beta

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://www.aaabiotech.com/polyclonal/akt2-antibody-western-blot-immunohistochemistry-elisa/224921>