

Rabbit AKT2 Polyclonal Antibody | anti-AKT2 antibody

Anti-AKT2 (pS474) Phospho Antibody

CATALOG # AAA261190	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Chicken, Dog	APPLICATIONS Immunohistochemistry, Western Blot
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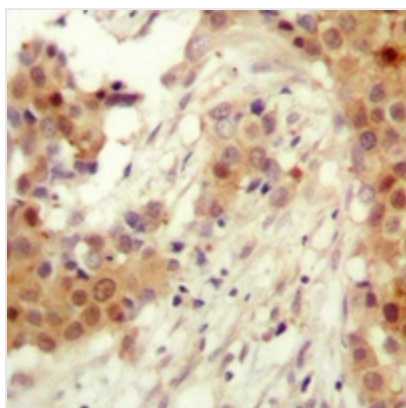
PRODUCT SYNONYMS

AKT2; Polyclonal Antibody; Anti-AKT2 (pS474) Phospho Antibody; RAC-beta serine/threonine-protein kinase; Protein kinase Akt-2; Protein kinase B beta; PKB beta; RAC-PK-beta; anti-AKT2 antibody

PRODUCT SPECIFICATIONS

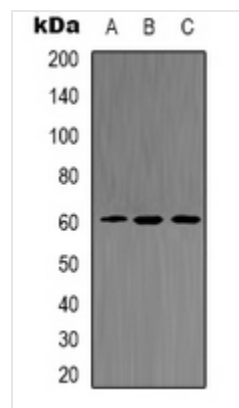
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Dog
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AKT2 (pS474) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	481
Applicable Applications for anti-AKT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human AKT2 (pS474). The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of AKT2 (pS474) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of AKT2 (pS474) expression in Hela (A), mouse brain (B), PC12 UV-treated (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-AKT2 antibody	Rabbit polyclonal antibody to AKT2 (pS474)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1170703
NCBI GeneID	208
UniProt Accession #	P31751; Q05BV0; Q0VAN0; Q0VAN1; Q68GC0; B2RBD8
Molecular Weight	51,083 Da
NCBI Official Full Name	RAC-beta serine/threonine-protein kinase
NCBI Official Synonym Full Names	v-akt murine thymoma viral oncogene homolog 2
NCBI Official Symbol	AKT2
NCBI Official Synonym Symbols	PKBB; PRKBB; HIHGHH; 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
UniProt Entry Name	AKT2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/akt2-antibody-immunohistochemistry-western-blot-elisa/261190>