

Akt1 S1 Antibody | anti-Akt1 S1 antibody

Akt1 S1 (Ab-246) Antibody

CATALOG # AAA267405	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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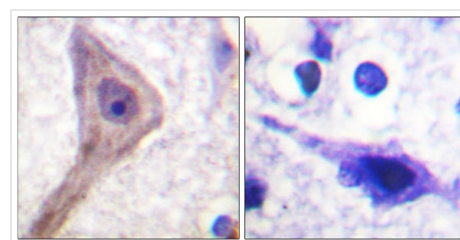
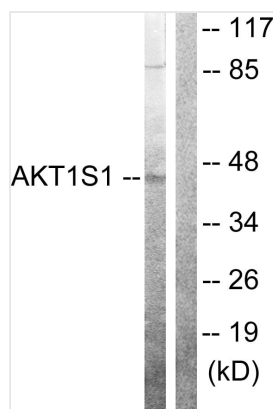
PRODUCT SYNONYMS

Akt1 S1; Akt1 S1 (Ab-246) Antibody; Akt1 substrate 1 (proline-rich); Lobe; MGC2865; PRAS40; proline-rich Akt substrate 40 kDa; anti-Akt1 S1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Akt1 S1 (Ab-246) antibody detects endogenous levels of total Akt1S1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	256
Applicable Applications for anti-Akt1 S1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Akt1S1 around the phosphorylation site of threonine 246 (L-N-TP-S-D).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Akt1 S1 (Ab-246) antibody. Western blot analysis of extracts from 293 cells, using Akt1 S1 (Ab-246) antibody.

ADDITIONAL INFORMATION

References	Mayumi Yoshioka, J. Mol. Endocrinol., Aug 2007; 39: 119-133. Bruno D. Fonseca, J. Biol. Chem., Aug 2007; 282: 24514-24524. Kerstin Stemmer, Cancer Res., May 2007; 67: 4052-4068.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148806906
NCBI GeneID	84335
NCBI Accession #	NP_001092102.1
NCBI GenBank Nucleotide #	NM_001098632.2
UniProt Accession #	Q96B36; Q96BI4; Q96IK7; Q96NG2; Q9BWR5; A8MTQ1; B2RE93; J3KPM3
Molecular Weight	29,262 Da
NCBI Official Full Name	proline-rich AKT1 substrate 1 isoform b
NCBI Official Synonym Full Names	AKT1 substrate 1
NCBI Official Symbol	AKT1S1
NCBI Official Synonym Symbols	Lobe; PRAS40
NCBI Protein Information	proline-rich AKT1 substrate 1
UniProt Protein Name	Proline-rich AKT1 substrate 1
UniProt Gene Name	AKT1S1

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/human-mouse-rat-antibody/akt1-s1/267405>