

Rabbit AKT1S1 Polyclonal Antibody | anti-AKT1S1 antibody

AKT1S1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286685	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, Immunohistochemistry, ELISA

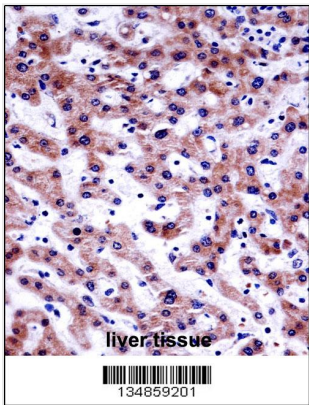
PRODUCT SYNONYMS

AKT1S1; Polyclonal Antibody; AKT1S1 Antibody (C-term); Proline-rich AKT1 substrate 1; 40 kDa proline-rich AKT substrate; AKT1S1 {ECO:0000312|EMBL:AAH160431}; anti-AKT1S1 antibody

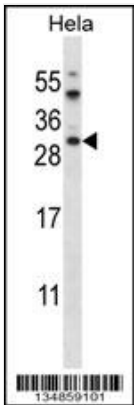
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AKT1S1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 227-256 amino acids from the C-terminal region of human AKT1S1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	227-256
Sequence Length	276
Applicable Applications for anti-AKT1S1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
AKT1S1 Antibody (C-term) (AAA286685) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of AKT1S1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
AKT1S1 Antibody (C-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the AKT1S1 antibody detected the AKT1S1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AKT1S1 antibody	AKT1S1 is a proline-rich substrate of AKT (MIM 164730) that binds 14-3-3 protein (see YWHAH, MIM 113508) when phosphorylated (Kovacina et al., 2003 [PubMed 12524439]). [supplied by OMIM].
Product Categories/Family for anti-AKT1S1 antibody	Cancer; Cell Biology; Neuroscience; Signal Transduction
References	Wang, L., et al. J. Biol. Chem. 283(23):15619-15627(2008) Fonseca, B.D., et al. Biochem. J. 411(1):141-149(2008) Fonseca, B.D., et al. J. Biol. Chem. 282(34):24514-24524(2007) Wang, L., et al. J. Biol. Chem. 282(27):20036-20044(2007) Sancak, Y., et al. Mol. Cell 25(6):903-915(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148806906
NCBI GeneID	84335
NCBI Accession #	NP_001092102.1; NP_001092103.1; NP_001265088.1; NP_001265089.1; NP_115751.3
NCBI GenBank Nucleotide #	NM_001098632.2
UniProt Accession #	Q96B36; Q96BI4; Q96IK7; Q96NG2; Q9BWR5; A8MTQ1; B2RE93; J3KPM3
Molecular Weight	27383
NCBI Official Full Name	proline-rich AKT1 substrate 1 isoform b
NCBI Official Synonym Full Names	AKT1 substrate 1 (proline-rich)
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://www.aaabiotech.com/polyclonal/akt1s1-antibody-western-blot-immunohistochemistry-elisa/286685>