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**

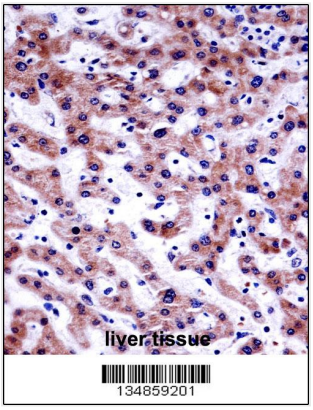
PRODUCT SYNONYMS

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

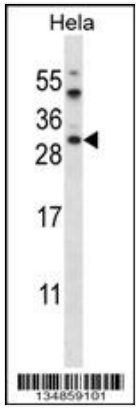
PRODUCT SPECIFICATIONS

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 (Immunohiostchemistry)
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**

UniProt Entry Name	AKTS1_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://stage.aaabiotech.com/polyclonal/akt1s1-antibody-western-blot-immunohistochemistry-elisa/286685