

Rabbit AKT1S1-T246 Polyclonal Antibody | anti-AKT1S1-T246 antibody

Phospho-AKT1S1-T246 pAb

CATALOG # AAA281286	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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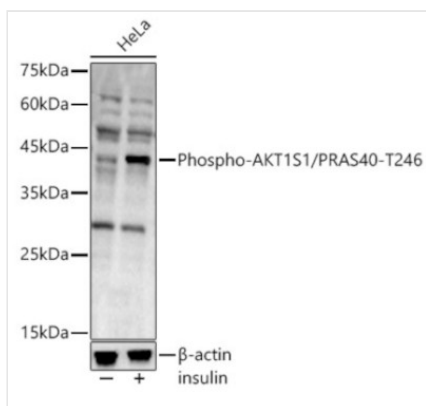
PRODUCT SYNONYMS

AKT1S1-T246; Polyclonal Antibody; Phospho-AKT1S1-T246 pAb; Lobe; PRAS40; anti-AKT1S1-T246 antibody

PRODUCT SPECIFICATIONS

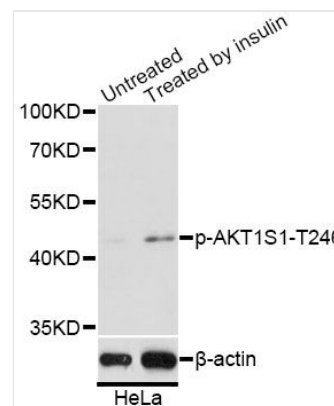
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS containing 50% glycerol, preserved with proclin300 or sodium azide, pH 7.3
Sequence Length	256
Applicable Applications for anti-AKT1S1-T246 antibody	ELISA, WB (Western Blot)
Immunogen	Synthetic peptide. This information is considered to be commercially sensitive.
Cross-Reactivity	Human
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using Phospho-AKT1S1/PRAS40-T246 Rabbit pAb at 1:400 dilution. HeLa cells were treated with Insulin (100 nM) at 37 degree C for 5 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 45s.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using Phospho-AKT1S1-T246 antibody at 1:2000 dilution. HeLa cells were treated by Insulin (0.01U/ml) for 15 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-AKT1S1-T246 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])
Product Categories/Family for anti-AKT1S1-T246 antibody	Phosphorylated Antibodies

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	Observed MW: 40kDa Calculated MW: 27kDa
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/polyclonal/akt1s1-t246-antibody-western-blot-elisa/281286>