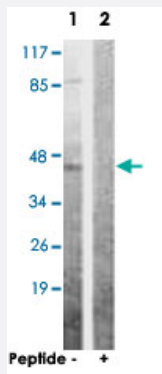


AKT1S1 polyclonal antibody

Catalog # PAB17288 Size 100 ug

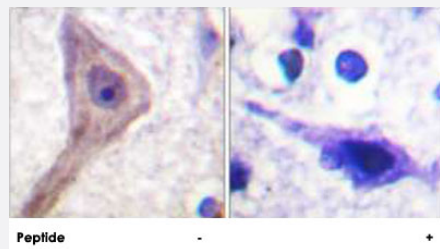
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, using AKT1S1 polyclonal antibody (Cat # PAB17288).

Peptide "+" means "with peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using AKT1S1 polyclonal antibody (Cat # PAB17288).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AKT1S1.
Immunogen	A synthetic peptide corresponding to residues surrounding serine 363 of human AKT1S1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total AKT1S1 protein.
Form	Liquid

Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, using AKT1S1 polyclonal antibody (Cat # PAB17288).
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Peptide "+" means "with peptide blocking".

Gene Info — AKT1S1

Entrez GeneID	84335
Protein Accession#	Q96B36
Gene Name	AKT1S1
Gene Alias	Lobe, MGC2865, PRAS40
Gene Description	AKT1 substrate 1 (proline-rich)
Omim ID	610221
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000196757 OTTHUMP00000196758 OTTHUMP00000196759 OTTHUMP00000196760 proline-rich Akt substrate, 40 kDa

Publication Reference

- [Gender difference of androgen actions on skeletal muscle transcriptome.](#)

Yoshioka M, Boivin A, Bolduc C, St-Amand J.

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Fonseca BD, Smith EM, Lee VH, MacKintosh C, Proud CG.

The Journal of Biological Chemistry 2007 Jun; 282(34):24514.

- [Carcinogen-specific gene expression profiles in short-term treated Eker and wild-type rats indicative of pathways involved in renal tumorigenesis.](#)

Stemmer K, Ellinger-Ziegelbauer H, Ahr HJ, Dietrich DR.

Cancer Research 2007 May; 67(9):4052.