

Datasheet for ABIN1531296
anti-PRAS40 antibody (pThr246)



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1 Image

Overview

Quantity:	100 µL
Target:	PRAS40 (AKT1S1)
Binding Specificity:	AA 207-256, pThr246
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRAS40 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Akt1 S1 around the phosphorylation site of Thr246.
Isotype:	IgG
Specificity:	Akt1 S1 (Phospho-Thr246) Antibody detects endogenous levels of Akt1 S1 only when phosphorylated at Thr246. PhosphorylationH:T246 M:T247 R:T262
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

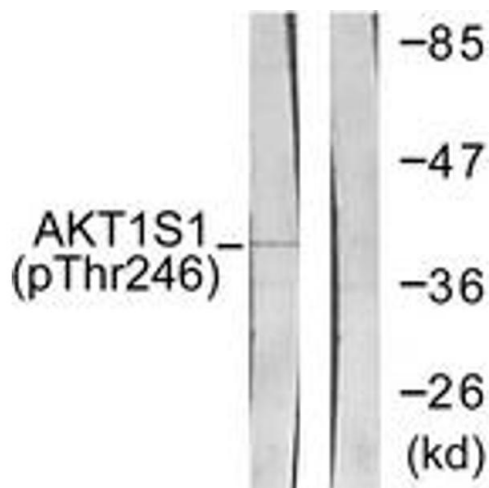
Target:	PRAS40 (AKT1S1)
Alternative Name:	Akt1 S1 (AKT1S1 Products)
Background:	Synonyms: Akt1 substrate 1 (proline-rich), AKTS1, Lobe, MGC2865, PRAS40, proline-rich Akt substrate 40 kDa NCBI Gene Symbol: AKT1S1
Molecular Weight:	27 kDa
Gene ID:	84335
OMIM:	610221
UniProt:	Q96B36
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Cell Size , Autophagy , BCR Signaling , Warburg Effect

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
Comment:	Unigene-Number: Hs.515542 (NCBI Gene Symbol: AKT1S1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with PDGF 50ng/ml 30', using Akt1 S1 (Phospho-Thr246) Antibody. The lane on the right is treated with the synthesized peptide.