

Datasheet for ABIN7467944
anti-PRAS40 antibody (pSer183)



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Overview

Quantity:	100 µL
Target:	PRAS40 (AKT1S1)
Binding Specificity:	pSer183
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRAS40 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide surrounding phospho Ser183 of human PRAS40. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PRAS40 (AKT1S1)
Alternative Name:	AKT1 substrate 1 (AKT1S1 Products)
Background:	Synonyms: AKT1 substrate 1 , Lobe , PRAS40

Target Details

	Background: 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]
Molecular Weight:	27 kDa
Gene ID:	84335
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: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.49 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.