

Datasheet for ABIN1539862
anti-PRAS40 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PRAS40 (AKT1S1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PRAS40 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified His-tagged AKT1S1 protein(Fragment) was used to produced this monoclonal antibody.
Clone:	449CT13-4-2
Isotype:	IgG1
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	PRAS40 (AKT1S1)
Alternative Name:	AKT1S1 (AKT1S1 Products)
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].

Target Details

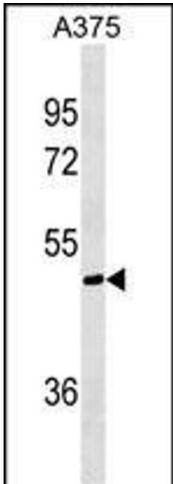
Molecular Weight:	27383
Gene ID:	84335
NCBI Accession:	NP_001092102 , NP_001092103 , NP_001265088 , NP_001265089 , NP_115751
UniProt:	Q96B36
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Cell Size , Autophagy , BCR Signaling , Warburg Effect

Application Details

Application Notes:	WB: 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	AKT1S1 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. AKT1S1 Antibody (ABIN1539862 and ABIN2843836) western blot analysis in cell line lysates (35 µg/lane). This demonstrates the AKT1S1 antibody detected the AKT1S1 protein (arrow).