Datasheet for ABIN6281774

anti-PRAS40 antibody (AA 180-260)

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Overview

Quantity:	50 µL
Target:	PRAS40 (AKT1S1)
Binding Specificity:	AA 180-260
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRAS40 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal to PRAS40.
Immunogen:	Synthesized peptide derived from human PRAS40 around the non-phosphorylation site of T246.
Isotype:	IgG
Specificity:	PRAS40 Polyclonal Antibody detects endogenous levels of PRAS40 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

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

Target Details

Molecular Weight:	40 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 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000
Comment:	Widely expressed with highest levels of expression in liver and heart. Expressed at higher levels in cancer cell lines (e.g. A-549 and HeLa) than in normal cell lines (e.g. HEK293).
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % 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:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.