

Datasheet for ABIN2783210

anti-PRAS40 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	PRAS40 (AKT1S1)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Dog, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRAS40 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Rat Akt1s1
Sequence:	DEEDEDEPTE TETSGERLGG SDNGGLFMMD EDATLQDLPP FCESDPESTD
Predicted Reactivity:	Cow: 100%, Dog: 86%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 77%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Akt1s1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PRAS40 (AKT1S1)
Alternative Name:	Akt1s1 (AKT1S1 Products)

Target Details

Background:	The function of this protein remains unknown. Alias Symbols: PRAS40 Protein Size: 257
Molecular Weight:	28 kDa
Gene ID:	292887
NCBI Accession:	NM_001106259 , NP_001099729
UniProt:	D3ZH75
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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 257 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: Akt1s1 Sample Type: Rat Thymus lysates Antibody Dilution: 1.0ug/ml