

PRKRA Rabbit mAb

Catalog No: #52485

Package Size: #52485-1 50ul #52485-2 100ul

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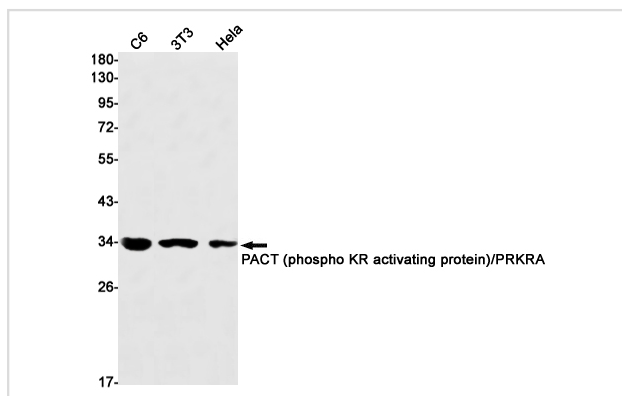
Description

Product Name	PRKRA Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-8F7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of of human PACT (phospho KR activating protein)/PRKRA
Conjugates	Unconjugated
Modification	Unmodification
Other Names	RAX; PACT; DYT16; HSD14
Accession No.	Swiss-Prot:O75569GeneID:8575
Uniprot	O75569
GeneID	8575
Calculated MW	Calculated MW: 34 kDa; Observed MW: 34 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of PACT (phospho KR activating protein)/PRKRA in C6,3T3,HeLa cell lysates using PACT (phospho KR activating protein)/PRKRA Rabbit mAb(1:1000 diluted).Predicted band size:34kDa.Observed band size:34kDa.

Background

Swiss-Prot Acc.O75569.Activates EIF2AK2/PKR in the absence of double-stranded RNA (dsRNA), leading to phosphorylation of EIF2S1/EF12-alpha and inhibition of translation and induction of apoptosis. Required for siRNA production by DICER1 and for subsequent siRNA-mediated post-transcriptional gene silencing. Does not seem to be required for processing of pre-miRNA to miRNA by DICER1. Promotes UBC9-p53/TP53 association and sumoylation and phosphorylation of p53/TP53 at 'Lys-386' at 'Ser-392' respectively and enhances its activity in a EIF2AK2/PKR-dependent manner .

Note: This product is for in vitro research use only