

PRKRA Rabbit mAb

Catalog No: #59998

Package Size: #59998-1 50ul #59998-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

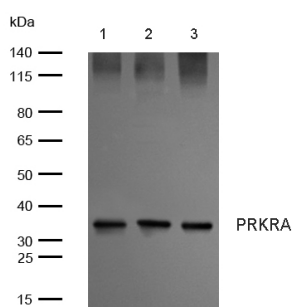
Description

Product Name	PRKRA Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Specificity	PRKRA Antibody detects endogenous levels of total PRKRA
Immunogen Description	A synthesized peptide derived from human PRKRA
Other Names	RAX; PACT; DYT16; HSD14;
Accession No.	Uniprot:O75569
Calculated MW	34kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 IHC 1:50~1:200

Images



All lanes: PRKRA Rabbit mAb at 1/1k dilution

Lane 1 : HepG2 whole cell lysates Lane 2 : Mouse testis lysates
 Lane 3 : Rat testis lysates
 Lysates/proteins at 20 µg per lane.

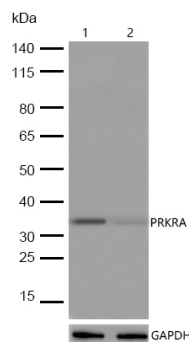
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 34 kDa

Observed band size: 34 kDa

Exposure time: 5 seconds

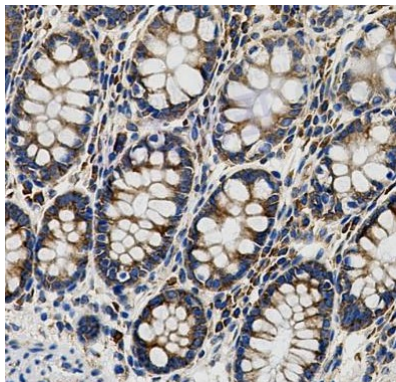


All lanes: PRKRA Rabbit mAb at 1/1k dilution

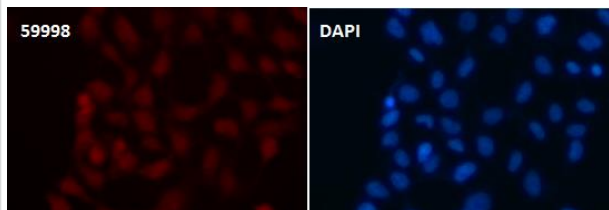
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : PRKRA Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human colon cancer tissue stained for PRKRA using 59998 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence PRKRA antibody (59998) ICC/IF staining of PRKRA in 293T cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59998 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Activates EIF2AK2/PKR in the absence of double stranded RNA (dsRNA), leading to phosphorylation of EIF2S1/EIF2-alpha and inhibition of translation and induction of apoptosis.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.