

For Research Use Only

RKIP Polyclonal antibody

Catalog Number: 10575-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

10575-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0864

GenBank Accession Number:

BC008714

GeneID (NCBI):

5037

UNIPROT ID:

P30086

Full Name:

phosphatidylethanolamine binding protein 1

Calculated MW:

21 kDa

Observed MW:

23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse brain tissue, mouse liver tissue, mouse testis tissue

IHC: human colon cancer tissue, human stomach cancer tissue

Background Information

Raf kinase inhibitor protein (RKIP), also termed phosphatidylethanolamine binding protein PEBP1, was initially identified as a potent inhibitor of Raf-1/MEK/ERK, NF- κ B, and G-protein-coupled receptor signaling pathways. Later RKIP has been further identified as a metastasis suppressor and its loss of expression has been reported in various cancers. Its expression has been proposed as a prognostic marker for patients diagnosed with the above cancers.

Notable Publications

Author	Pubmed ID	Journal	Application
Jemma Evans	30036086	FASEB J	IHC
Tianyu Luo	38363884	Medicine (Baltimore)	IHC
Wenhui Yao	37977422	J Ethnopharmacol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

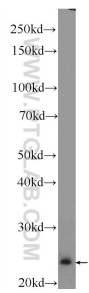
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

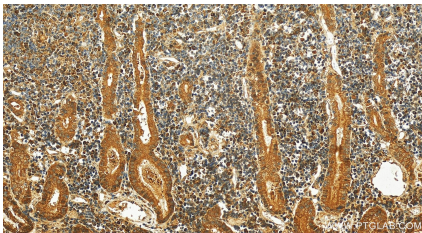
E: proteintech@ptglab.com
W: ptglab.com

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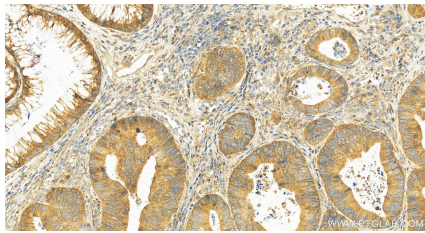
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 10575-1-AP (RKIP antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 10575-1-AP (RKIP antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10575-1-AP (RKIP antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).