

For Research Use Only

RKIP Polyclonal antibody

Catalog Number: 10575-1-AP **4 Publications**



Basic Information

Catalog Number: 10575-1-AP	GenBank Accession Number: BC008714	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 5037	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P30086	
Isotype: IgG	Full Name: phosphatidylethanolamine binding protein 1	
Immunogen Catalog Number: AG0864	Calculated MW: 21 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB: mouse brain tissue, mouse liver tissue, mouse testis tissue
Species Specificity: human, mouse, rat	IHC: human stomach cancer tissue, human colon cancer tissue
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	

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-κB, 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

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

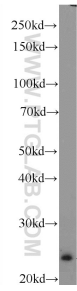
T: 4006900926

E: Proteintech-CN@ptglab.com

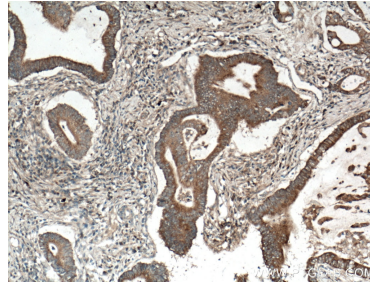
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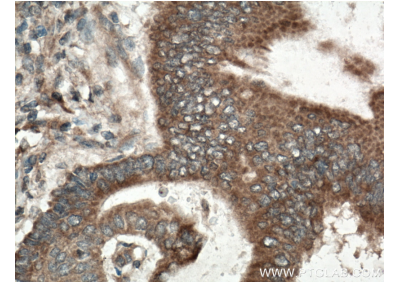
Selected Validation Data



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 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 10575-1-AP (RKIP antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).