

For Research Use Only

IKIP Polyclonal antibody

Catalog Number: 14589-1-AP **1 Publications**



Basic Information

Catalog Number: 14589-1-AP	GenBank Accession Number: BC058933	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 121457	Recommended Dilutions: WB 1:500-1:1000 IHC 1:100-1:400
Source: Rabbit	UNIPROT ID: Q70UQ0	
Isotype: IgG	Full Name: IKK interacting protein	
Immunogen Catalog Number: AG6119	Calculated MW: 39 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse skeletal muscle tissue, mouse spleen tissue, mouse thymus tissue IHC : human ovary tumor tissue,
Cited Applications: WB, IP, IF	
Species Specificity: human, mouse	
Cited Species: human	
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

IKIP(Inhibitor of nuclear factor kappa-B kinase-interacting protein) is also named as IKBIP and acts as a novel p53 target gene with proapoptotic function. A variety of experiments looking at endogenous IKIP1 levels showed that IKIP1 expression is dependent on p53. Transfection of IKIP into endothelial cells promotes cell death, as measured by TUNEL staining. EST analysis and RT-PCR demonstrated that 3 IKIP transcripts are generated; IKIP1 encodes a 377-amino acid protein, IKIP2 a 350-amino acid protein, and IKIP3 2 potential ORFs encoding 70- and 245-amino acid proteins(PMID:15389287).

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Lan	38489235	FASEB J	WB,IF,IP

Storage

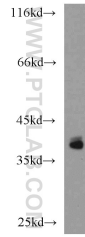
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

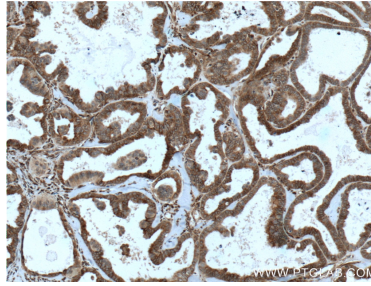
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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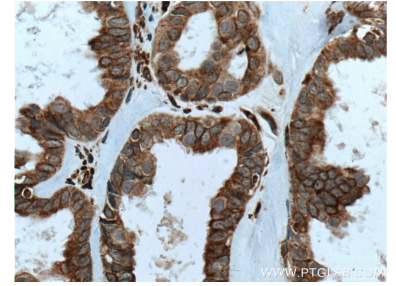
Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 14589-1-AP (IKIP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 14589-1-AP (IKIP 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 ovary tumor tissue slide using 14589-1-AP (IKIP Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).