

For Research Use Only

IKIP Polyclonal antibody

Catalog Number: 14589-1-AP

2 Publications



Basic Information

Catalog Number:

14589-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6119

GenBank Accession Number:

BC058933

GeneID (NCBI):

121457

UNIPROT ID:

Q70UQ0

Full Name:

IKK interacting protein

Calculated MW:

39 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:100-1:400

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : mouse skeletal muscle tissue, mouse spleen tissue, mouse thymus tissue

IHC : human ovary tumor tissue,

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
Zhaoying Zhu	38948026	Oncol Res	WB
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

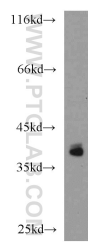
For technical support and original validation data for this product please contact:

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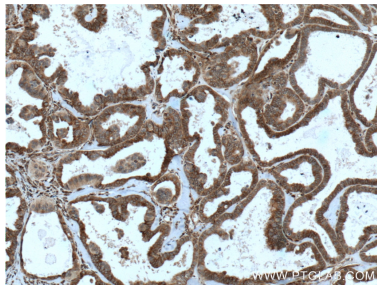
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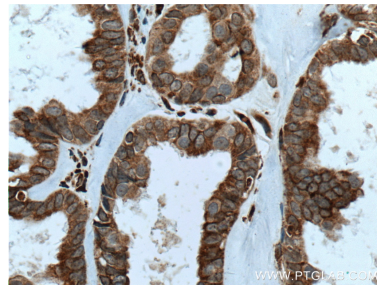
Selected Validation Data



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).