

For Research Use Only

# IKBKAP Polyclonal antibody

Catalog Number: 31705-1-AP



## Basic Information

Catalog Number:

31705-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35286

GenBank Accession Number:

NM\_001318360.1

GeneID (NCBI):

8518

UNIPROT ID:

O95163

Full Name:

inhibitor of kappa light polypeptide  
gene enhancer in B-cells, kinase  
complex-associated protein

Calculated MW:

150kDa, 1332aa

Observed MW:

140-150 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:12000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB: HeLa cells, HepG2 cells, U-251 cells

## Background Information

IKBKAP, also known as ELP1. It is expected to be located in the cytoplasm and nucleus, which is ubiquitinated in adrenal and ovary tissue. The protein encoded by this gene is a scaffold protein and a regulator for three different kinases involved in proinflammatory signaling. The encoded protein can bind NF-kappa-B-inducing kinase and I-kappa-B kinases through separate domains and assemble them into an active kinase complex. Mutations in this gene have been associated with familial dysautonomia. And it exists in homodimer. The molecular weight of IKBKAP is 150 kDa.

## 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:

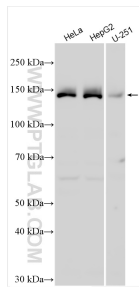
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31705-1-AP (IKBKAP antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.