

For Research Use Only

# AKNA Polyclonal antibody

Catalog Number: 23785-1-AP

1 Publications



## Basic Information

Catalog Number:

23785-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20662

GenBank Accession Number:

BC055285

GeneID (NCBI):

80709

UNIPROT ID:

Q7Z591

Full Name:

AT-hook transcription factor

Calculated MW:

155 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : K-562 cells,

## Background Information

AKNA also named as AT hook transcription factor is a 1439 amino-acids protein. AKNA, encodes a lymphoid-specific AT-hook transcription factor that is highly expressed by B and T lymphocytes. It coordinately regulates expression of the CD40 receptor and its ligand (CD154), two molecules that are critical for antigen-dependent B-cell development. AKNA expresses at least nine distinct transcripts, some of which are expressed in a tissue-specific manner. These transcripts are products of alternative splicing, alternative promoter usage, and alternative polyadenylation. The alternative AKNA transcripts are predicted to encode overlapping protein isoforms, some of which (p70 and p100) (PMID:15869410)

## Notable Publications

Author	Pubmed ID	Journal	Application
Gang Wang	32462010	Biomed Res Int	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

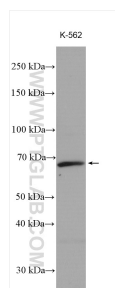
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## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 23785-1-AP (AKNA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.