

For Research Use Only

AKNA Polyclonal antibody

Catalog Number: 23785-1-AP **1 Publications**



Basic Information

Catalog Number: 23785-1-AP	GenBank Accession Number: BC055285	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 80709	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: AT-hook transcription factor	
Isotype: IgG	Calculated MW: 155 kDa	
Immunogen Catalog Number: AG20662	Observed MW: 65-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells,
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

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

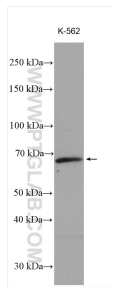
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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
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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.