

For Research Use Only

# ELK4 Polyclonal antibody

Catalog Number: 14666-1-AP

3 Publications



## Basic Information

<b>Catalog Number:</b> 14666-1-AP	<b>GenBank Accession Number:</b> BC063676	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2005	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P28324	
<b>Isotype:</b> IgG	<b>Full Name:</b> ELK4, ETS-domain protein (SRF accessory protein 1)	
<b>Immunogen Catalog Number:</b> AG6273	<b>Calculated MW:</b> 47 kDa	
	<b>Observed MW:</b> 47 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, Jurkat cells, MCF-7 cells, mouse liver tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## Background Information

ELK4, also named as SAP1, SAP-1 and SAP1, belongs to the ETS family. It forms a ternary complex with the serum response factor (SRF). ELK4 requires DNA-bound SRF for ternary complex formation and makes extensive DNA contacts to the 5' side of SRF, but does not bind DNA autonomously. It is androgen regulated, involved in promoting cell growth, and highly expressed in a subset of prostate cancer. (PMID:19293179)

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoyan Zhang	36556251	J Pers Med	WB
Weiguo Xu	34497772	Front Oncol	WB
Haiming Yang	39173777	Brain Res Bull	WB

## Storage

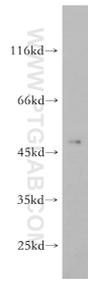
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
W: ptglab.com

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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 14666-1-AP (ELK4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.