

For Research Use Only

ELK1 Polyclonal antibody

Catalog Number: 14507-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

14507-1-AP

Size:

150ul , Concentration: 287 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5966

GenBank Accession Number:

BC056150

GeneID (NCBI):

2002

UNIPROT ID:

P19419

Full Name:

ELK1, member of ETS oncogene family

Calculated MW:

45 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Background Information

E twenty-six (ETS)-like transcription factor 1, also known as ELK1, is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. It is targeted in the nucleus by three major MAP kinase pathways as well as the CaMKII pathway. phosphorylation of nuclear Elk1 enhances its ability to bind DNA at serum response elements and stimulate transcription of immediate early genes. Elk1 plays important roles in various contexts, including long-term memory formation, drug addiction, Alzheimer's disease, down syndrome, breast cancer, and depression. This antibody got an 62 kd band in western blotting maybe due to its phosphorylation

Notable Publications

Author	Pubmed ID	Journal	Application
Ping Zhang	28529556	Oncol Lett	WB
Yi-Ping Leng	28631302	Br J Pharmacol	WB
Pengpeng Xu	28254634	Gene	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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data