

For Research Use Only

ELK1 Polyclonal ANTIBODY



Catalog Number: 14507-1-AP

Featured Product

3 Publications

Basic Information

Catalog Number:
14507-1-AP

Size:
43 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG5966

GenBank Accession Number:
BC056150

GeneID (NCBI):
2002

Full Name:
ELK1, member of ETS oncogene family

Calculated MW:
45 kDa

Observed MW:

Recommended Dilutions:

Applications

Tested Applications:
ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

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 62kd band in western blotting may be 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

For technical support and original validation data for this product please contact:

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Selected Validation Data