



Anti-ELK1 (aa 67-166) polyclonal antibody (DPAB-DC848)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum response element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade. This gene produces multiple isoforms by using alternative translational start codons and by alternative splicing. Related pseudogenes have been identified on chromosomes 7 and 14.
Immunogen	ELK1 (NP_005220, 67 a.a. ~ 166 a.a) partial recombinant protein with GST tag. The sequence is YYDKNIIRKVSGQKFVYKFVSYPEVAGCSTEDCPPQPEVSVTSTMPNVAPAAIHAAPGDT VSGKPGTPKGAGMAGPGGLARSSRNEYMRSGLYSTFTIQS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ELK1 ELK1, member of ETS oncogene family [Homo sapiens (human)]
Official Symbol	ELK1
Synonyms	ELK1; ELK1, member of ETS oncogene family; ETS domain-containing protein Elk-1; ETS-like gene 1; tyrosine kinase (ELK1) oncogene;
Entrez Gene ID	2002
Protein Refseq	NP_001107595
UniProt ID	A0A024R1A7
Chromosome Location	Xp11.2
Pathway	Activated TLR4 signalling; B Cell Receptor Signaling Pathway; BDNF signaling pathway; Downstream signaling in naive CD8+ T cells
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; protein binding; s