

MaxPab®

ELK4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002005-B01P

Size 50 ug

Applications



15-10-150-150-100-75-50-37-25-20-

Western Blot (Tissue lysate)

ELK4 MaxPab polyclonal antibody. Western Blot analysis of ELK4 expression in human liver.

Western Blot (Transfected lysate)

Western Blot analysis of ELK4 expression in transfected 293T cell line (<u>H00002005-T03</u>) by ELK4 MaxPab polyclonal antibody.

Lane 1: ELK4 transfected lysate(44.55 KDa). Lane 2: Non-transfected lysate.



15-

Immunofluorescence

Immunofluorescence of <u>purified</u> MaxPab antibody to ELK4 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ELK4 protein.

😭 Abnova	Product Information
Immunogen	ELK4 (NP_068567.1, 1 a.a. ~ 405 a.a) full-length human protein.
Sequence	MDSAITLWQFLLQLLQKPQNKHMICWTSNDGQFKLLQAEEVARLWGIRKNKPNMNYDKLSRALRY YYVKNIIKKVNGQKFVYKFVSYPEILNMDPMTVGRIEGDCESLNFSEVSSSSKDVENGGKDKPPQ PGAKTSSRNDYIHSGLYSSFTLNSLNSSNVKLFKLIKTENPAEKLAEKKSPQEPTPSVIKFVTTPSK KPPVEPVAATISIGPSISPSSEETIQALETLVSPKLPSLEAPTSASNVMTAFATTPPISSIPPLQEPPR TPSPPLSSHPDIDTDIDSVASQPMELPENLSLEPKDQDSVLLEKDKVNNSSRSKKPKGLELAPTL VITSSDPSPLGILSPSLPTASLTPAFFSQVACSLFMVSPLLSFICPFKQIQNLYTQVCFLLLRFVLER LCVTVM
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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Protocol Download

Western Blot (Transfected lysate)

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Lane 1: ELK4 transfected lysate(44.55 KDa). Lane 2: Non-transfected lysate.

Protocol Download

Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ELK4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ELK4	
Entrez GenelD	2005
GeneBank Accession#	<u>NM_021795.2</u>
Protein Accession#	<u>NP_068567.1</u>

ØЛ	hnova	
	unuva	

Product Information

Gene Name	ELK4	
Gene Alias	SAP1	
Gene Description	ELK4, ETS-domain protein (SRF accessory protein 1)	
Omim ID	<u>600246</u>	
Gene Ontology	<u>Hyperlink</u>	
Gene Summary	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 reponse element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is phosphorylated by the kinases, MAPK1 and MAPK8. Several tra nscript variants have been described for this gene. [provided by RefSeq	
Other Designations	ELK4 protein ETS-domain protein OTTHUMP00000035339 SRF accessory protein 1	

Publication Reference

• <u>ELK4 Promotes Colorectal Cancer Progression by Activating the Neoangiogenic Factor LRG1 in a</u> <u>Noncanonical SP1/3-Dependent Manner.</u>

Zhehui Zhu, Yuegui Guo, Yun Liu, Rui Ding, Zhenyu Huang, Wei Yu, Long Cui, Peng Du, Ajay Goel, Chen-Ying Liu. Advanced Science (Weinheim, Baden-Württemberg, Germany) 2023 Nov; 10(32):e2303378.

Application: PLA-Ce, Human, HCT116 cells

Pathway

• MAPK signaling pathway