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Anti-ELK1 Rabbit Monoclonal Antibody

Catalog # ABO13364

Product Information

Application	WB, IHC, IF, ICC, IP
Primary Accession	P19419
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-ELK1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

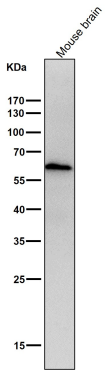
Gene ID	2002
Other Names	ETS domain-containing protein Elk-1, ELK1 (HGNC:3321)
Calculated MW	44888
Application Details	WB 1:500-1:1000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:30
Subcellular Localization	Nucleus.
Tissue Specificity	Lung and testis.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: CHG-5
Immunogen	A synthesized peptide derived from human ELK1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

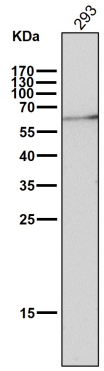
Name	ELK1 (HGNC:3321)

Function	Transcription factor that binds to purine-rich DNA sequences (PubMed:10799319, PubMed:7889942). Forms a ternary complex with SRF and the ETS and SRF motifs of the serum response element (SRE) on the promoter region of immediate early genes such as FOS and IER2 (PubMed:1630903). Induces target gene transcription upon JNK and MAPK-signaling pathways stimulation (PubMed:7889942).
Cellular Location	Nucleus.
Tissue Location	Lung and testis.

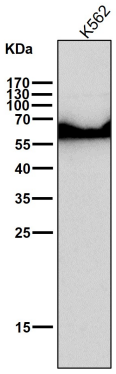
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

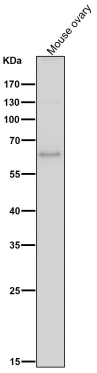


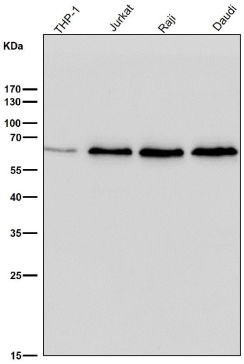
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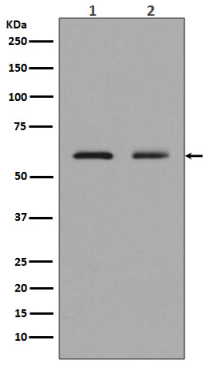
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Western blot analysis of Elk1 expression in (1)Neuro-2a cell lysates; (2)K562 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.