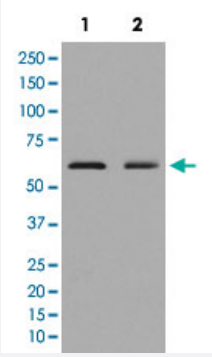
ELK1 monoclonal antibody, clone CHG-5

Catalog # MAB20009 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: Neuro-2a and Lane 2: K562 cell lysates with ELK1 monoclonal antibody, clone CHG-5 (Cat # MAB20009).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human ELK1.
Immunogen	A synthetic peptide corresponding to human ELK1.
Host	Rabbit
Theoretical MW (kDa)	44.888
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:30) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Immunoprecipitation
- Western Blot (Cell lysate)

  Western Blot analysis of Lane 1: Neuro-2a and Lane 2: K562 cell lysates with ELK1 monoclonal antibody, clone CHG-5 (Cat # MAB20009).

Gene Info — ELK1

Entrez GeneID	2002
Protein Accession#	P19419
Gene Name	ELK1
Gene Alias	-
Gene Description	ELK1, member of ETS oncogene family
Omim ID	311040
Gene Ontology	Hyperlink
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 a nuclear target for the ras-raf-MAPK signaling cascade. Alternati vely spliced transcript variants encoding the same protein have been found for this gene. [provide d by RefSeq

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Other Designations	ELK1 protein|OTTHUMP00000023224|OTTHUMP00000023225

Pathway

- Endometrial cancer
- ErbB signaling pathway
- Focal adhesion
- GnRH signaling pathway
- Insulin signaling pathway
- MAPK signaling pathway
- Prion diseases

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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