



# Rabbit Anti-ELK1 monoclonal antibody, clone TV43-16 (CABT-L641)

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

## PRODUCT INFORMATION

<b>Target</b>	ELK1
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	TV43-16
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC, IP
<b>Molecular Weight</b>	62 kDa
<b>Cellular Localization</b>	Nucleus.
<b>Positive Control</b>	Hela, human lung tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
<b>Preservative</b>	0.05% Sodium Azide

**Storage**

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

---

## BACKGROUND

**Introduction**

Ets-1 is the prototype member of a family of genes identified on the basis of homology to the v-Ets oncogene isolated from the E26 erythroblastosis virus. This family of genes currently includes Ets-1, Ets-2, Erg-1–3, Elk-1, Elf-1, Elf-5, NERF, PU.1, PEA3, ERM, FEV, ER8I, Fli-1, TEL, Spi-B, ESE-1, ESE-3A, Net, ABT1 and ERF. Members of the Ets gene family exhibit varied patterns of tissue expression, and share a highly conserved carboxy terminal domain containing a sequence related to the SV40 large T antigen nuclear localization signal sequence. This conserved domain is essential for Ets-1 binding to DNA and is likely to be responsible for the DNA binding activity of all members of the Ets gene family. Several of these proteins have been shown to recognize similar motifs in DNA that share a centrally located 5'-GGAA-3' element.

---

**Keywords**

ELK 1;Elk1;ELK1 member of ETS oncogene family;ELK1 protein;ELK1, ETS transcription factor;ELK1\_HUMAN;ELK2 member of ETS oncogene family;ETS domain containing protein Elk 1;ETS domain containing protein Elk1;ETS domain protein Elk1;ETS domain-containing protein Elk-1;ETS like gene 1;Member of ETS oncogene family;Oncogene Elk1;Tyrosine kinase (ELK1) oncogene antibody

---