



Rabbit Anti-ERG monoclonal antibody, clone TQ17-15 (CABT-L598)

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

PRODUCT INFORMATION

Target	ERG
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TQ17-15
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, CHIP
Molecular Weight	55 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	Jurkat, CRC, PC-3M, human colon cancer tissue, mouse heart tissue, mouse brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	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, ER81, 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. Erg genes encode for multiple proteins due to alternative splicing and alternative usage of initiation codons.

Keywords

Avian erythroblastosis virus E-26 (v-ets) oncogene related;D030036I24Rik;Erg 3;Erg;ERG/EWS fusion gene, included;ERG/FUS fusion gene, included;ERG/TMPSSR2 fusion gene, included;ERG_HUMAN;ERG1, included;ERG2, included;ets related;ETS-related gene;KCNH2;Oncogene ERG;p55;TMPRSS2/ERG fusion;transcriptional regulator ERG (transforming protein ERG);Transcriptional regulator ERG;Transforming protein ERG;v ets avian erythroblastosis virus E26 oncogene;v ets avian erythroblastosis virus E26 oncogene related;v ets erythroblastosis virus E26 oncogene homolog;v ets erythroblastosis virus E26 oncogene like;v ets erythroblastosis virus E26 oncogene like isoform 2;v-ets erythroblastosis virus E26 oncogene;v-ets erythroblastosis virus E26 oncogene homolog (avian);V-ets erythroblastosis virus E26 oncogene like (Avian), isoform CRA_e antibody
