



Ets-1 (phospho Ser251) Polyclonal Antibody

Catalog No	YP-Ab-01425
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	ETS1
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Ets-1 (phospho Ser251)
Specificity	Phospho-Ets-1 (S251) Polyclonal Antibody detects endogenous levels of Ets-1 protein only when phosphorylated at S251.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Avian erythroblastosis virus E26 (v ets) oncogene homolog 1;C ets 1 protein;c-ets-1;ETS 1;Ets protein;ETS proto-oncogene 1;transcription factor;ETS1;ETS1 oncogene;ETS1 protein;ETS1_HUMAN;EWSR 2;EWSR2;FLJ10768;Oncogene ETS1;P54;Protein C-ets-1;v ets avian erythroblastosis virus E2 oncogene homolog;v ets avian erythroblastosis virus E2 oncogene homolog 1;v ets avian erythroblastosis virus E26 oncogene homolog 1;v ets erythroblastosis virus E26 oncogene homolog 1;v-ets erythroblastosis virus E26 oncogene homolog 1;Ets-1
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm . Nucleus . Delocalizes from nucleus to cytoplasm when coexpressed with isoform Ets-1 p27. .
Tissue Specificity	Highly expressed within lymphoid cells. Isoforms c-ETS-1A and Ets-1 p27 are both detected in all fetal tissues tested, but vary with tissue type in adult tissues. None is detected in brain or kidney.
Function	disease:ETS is responsible for erythroblast and fibroblast transformation. The juxtaposition of the interferon and c-ETS-1 proto-oncogene may be involved in the pathogenesis of human monocytic leukemia.,function:Transcription factor.,



PTM: Sumoylated on Lys-15 and Lys-227, preferentially by SUMO2; which inhibits transcriptional activity., PTM: Ubiquitinated; which induces proteasomal degradation., similarity: Belongs to the ETS family., similarity: Contains 1 ETS DNA-binding domain., similarity: Contains 1 PNT (pointed) domain., subunit: Interacts with MAF and MAFB (By similarity). Binds to DAXX. Interacts with UBE2I.,

Background

This gene encodes a member of the ETS family of transcription factors, which are defined by the presence of a conserved ETS DNA-binding domain that recognizes the core consensus DNA sequence GGAA/T in target genes. These proteins function either as transcriptional activators or repressors of numerous genes, and are involved in stem cell development, cell senescence and death, and tumorigenesis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011],

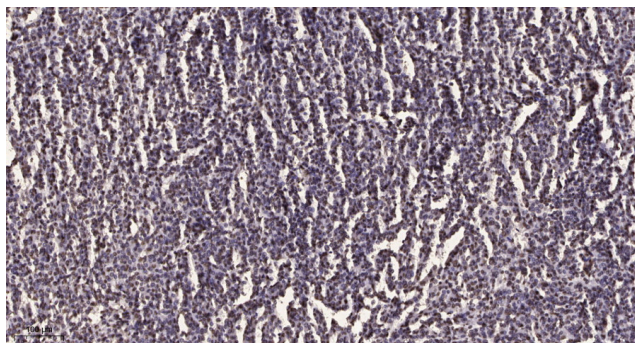
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human brain tumor. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).