

ETS1 (Phospho Ser251) Rabbit pAb

CatalogNo: YP1117

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF, ELISA

MW

- 50kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:40000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

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. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): QDsFE

Target Information

Gene name ETS1

Protein Name Protein C-ets-1

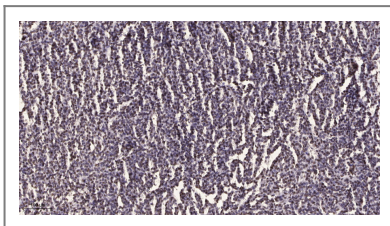
Organism	Gene ID	UniProt ID
Human	2113;	P14921;
Mouse	23871;	P27577;
Rat	24356;	P41156;

Cellular Localization 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 UBE2L. ,

Validation Data



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

Contact information

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