# ETS1 (Phospho Ser251) Rabbit pAb

CatalogNo: YP1117

## Key Features

| Host Species | Reactivity | Applications |
|---|---|---|
| • Rabbit | • Human,Mouse,Rat | • IHC,IF,ELISA |

| MW | Isotype |
|---|---|
| • 50kD (Calculated) | • 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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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

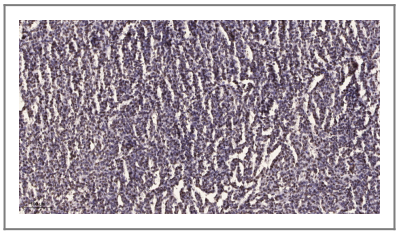
| Organism | Gene ID | UniProt ID |
|---|---|---|
| Human | 2113; | P14921; |
| Mouse | 23871; | P27577; |
| Rat | 24356; | P41156; |

**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 UBE2I. ,

## Validation Data



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).

## Contact information


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**ETS1 (Phospho Ser251) Rabbit pAb**