
Product Name: ETS1 Rabbit Polyclonal Antibody**Catalog #: APRab10649**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight	50kDa

Antigen Information

Gene Name	ETS1
Alternative Names	ETS1; EWSR2; Protein C-ets-1; p54
Gene ID	2113.0
SwissProt ID	P14921
Immunogen	The antiserum was produced against synthesized peptide derived from human ETS1. AA range:11-60

Background

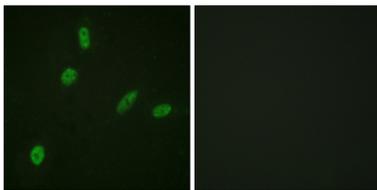
This gene encodes a member of the ETS family of transcription factors, which are defined by the presence of a conserved ETS

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],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,

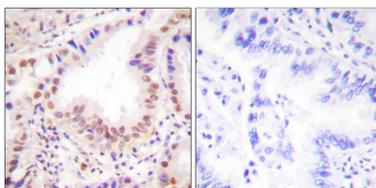
Research Area

Dorso-ventral axis formation;Pathways in cancer;Renal cell carcinoma;

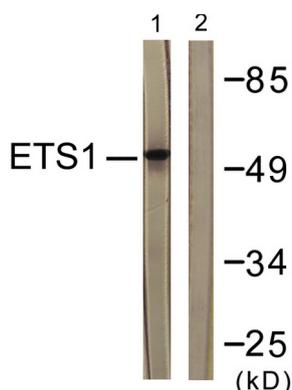
Image Data



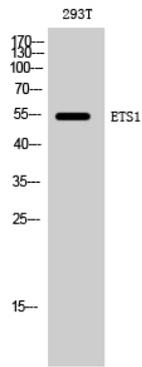
Immunofluorescence analysis of HeLa cells, using ETS1 Antibody. The picture on the right is blocked with the synthesized peptide.



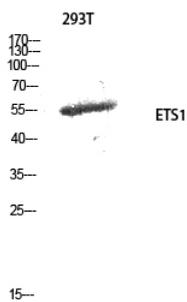
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using ETS1 Antibody. The picture on the right is blocked with the synthesized peptide.



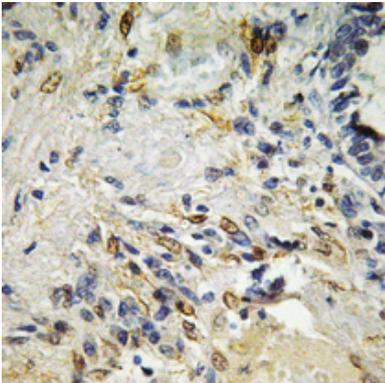
Western blot analysis of lysates from HeLa cells, treated with Serum 20% 15', using ETS1 Antibody. The lane on the right is blocked with the synthesized peptide.



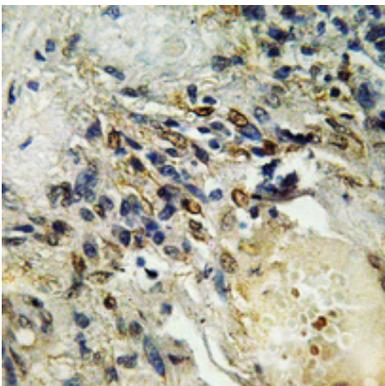
Western Blot analysis of 293T cells using ETS1 Polyclonal Antibody diluted at 1 : 1000.



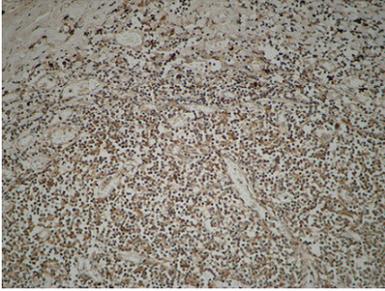
Western Blot analysis of 293T cells using ETS1 Polyclonal Antibody diluted at 1 : 1000.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human Amygdala. 1, Antibody was diluted at 1:100 (4°, overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min) .