

For Research Use Only

ETS1 Polyclonal antibody

Catalog Number: 12118-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 12118-1-AP	GenBank Accession Number: BC017314	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2113	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	
Isotype: IgG	Calculated MW: 441 aa, 50 kDa	
Immunogen Catalog Number: AG2127	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, NIH/3T3 cells, mouse thymus tissue
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human, rat	

Background Information

ETS1 is 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. ETS1 is a nuclear protein and primarily acts as a transcriptional activator, though it can also repress gene transcription. Since it is primarily expressed in lymphocytes, it plays several critical roles in immunity. In addition, it is important for angiogenesis. Since cells express several Ets proteins at the same time, functional redundancy is possible. This is particularly shown for the so-called housekeeping genes where several Ets factors were found to occupy the proximal promoters in vivo. The ETS1 protein exists as three isoforms: ETS1-p51, ETS1-p42, ETS1-p27 ranging in size from 27 to 51 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiong Zhang	34545078	Nat Commun	WB
Yang Duan	27626484	Oncotarget	WB
Jing Li	34820381	Front Cell Dev Biol	WB

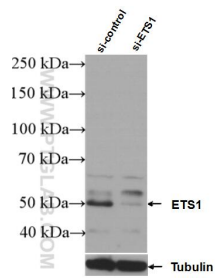
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

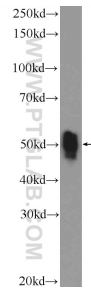
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



WB result of ETS1 antibody (12118-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ETS1 transfected Jurkat cells.



Jurkat cells were subjected to SDS PAGE followed by western blot with 12118-1-AP (ETS1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.