



## Rabbit Anti-phospho-ETS1 (Thr38) antibody

SL13113R

<b>Product Name:</b>	phospho-ETS1 (Thr38)
<b>Chinese Name:</b>	磷酸化Ets转录因子家族ets1抗体
<b>Alias:</b>	ETS1 (phospho T38); ETS1 (phospho Thr38); p-ETS1 (phospho T38); Avian erythroblastosis virus E26 (v ets) oncogene homolog 1; C ets 1 protein; ETS 1; Ets protein; ETS1; ETS-1; ETS1 protein; ETS1_HUMAN; EWSR 2; EWSR2; FLJ10768; p54; Protein C-ets-1; v ets avian erythroblastosis virus E2 oncogene homolog; 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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	49kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthesised phosphopeptide derived from human ETS1 around the phosphorylation site of Thr38:LL(p-T)PS
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>

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].

**Function:**

Transcription factor.

**Subunit:**

Interacts with MAF and MAFB. Interacts with PAX5, the interaction alters DNA-binding properties. Binds to DAXX. Interacts with UBE2I.

**Subcellular Location:**

Nucleus.

**Post-translational modifications:**

Sumoylated on Lys-15 and Lys-227, preferentially with SUMO2; which inhibits transcriptional activity.

Ubiquitinated; which induces proteasomal degradation.

**Similarity:**

Belongs to the ETS family.

Contains 1 ETS DNA-binding domain.

Contains 1 PNT (pointed) domain.

**SWISS:**

P14921

**Gene ID:**

2113

**Database links:**

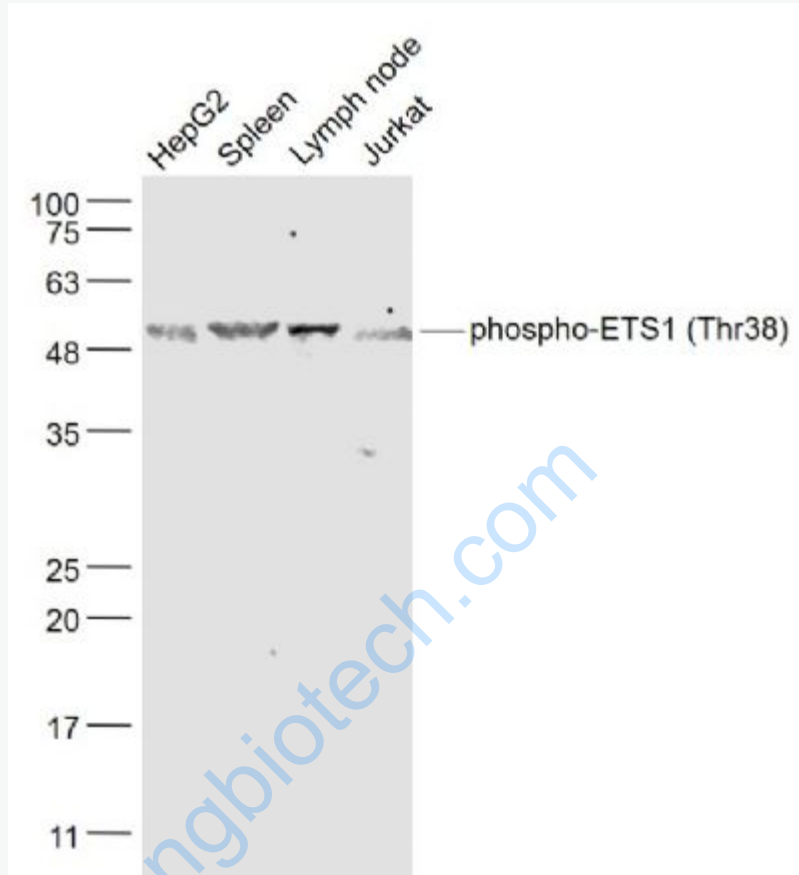
UniProtKB/Swiss-Prot: P14921.1

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Product Detail:**

Picture:



Sample:

HepG2(Human) Cell Lysate at 30 ug

Spleen (Mouse) Lysate at 40 ug

Lymph node (Mouse) Lysate at 40 ug

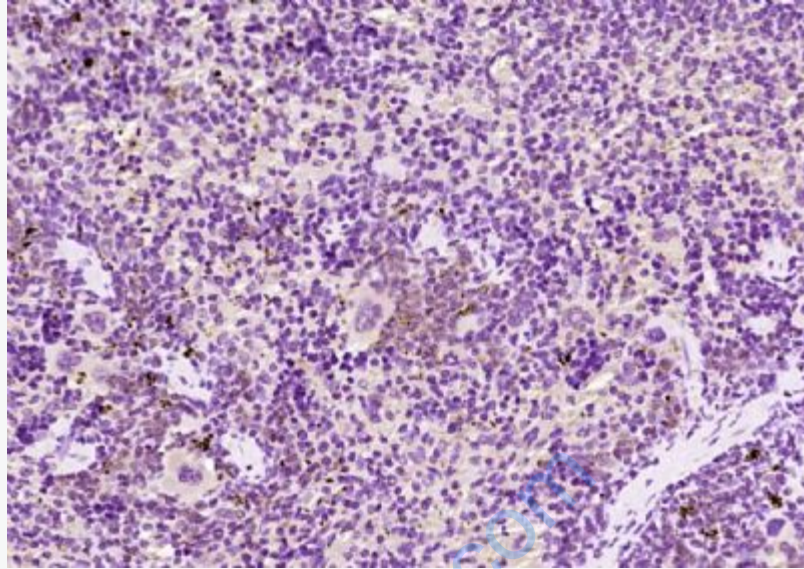
Jurkat(Human) Cell Lysate at 30 ug

Primary: Anti- phospho-ETS1 (Thr38) (SL13113R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 49 kD

Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (mouse spleen); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-ETS1 (Thr38)) Polyclonal Antibody, Unconjugated (SL13113R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.