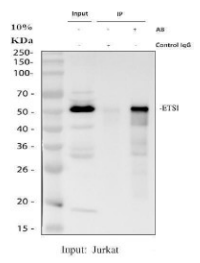
ETS1 Antibody (R32685)

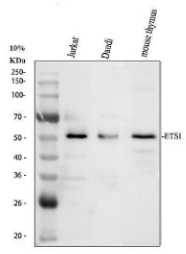
Catalog No.	Formulation	Size
R32685	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P14921
Applications	Western blot: 0.5-1ug/ml Immunoprecipitation: 2ug per 500ug of lysate
Limitations	This ETS1 antibody is available for research use only.



ETS1 Antibody Jurkat Cell IP. Immunoprecipitation of ETS1 from Jurkat whole cell lysate using ETS1 Antibody. Input lysate is shown in lane 1. Lane 2 contains a rabbit IgG immunoprecipitation control, while lane 3 shows immunoprecipitation performed with 2 ug of ETS1 Antibody from 500 ug of Jurkat lysate. Western blot detection was performed using the same ETS1 Antibody at 0.5 ug/ml with a light chain-specific HRP-conjugated secondary antibody. A specific band is detected at approximately 50 kDa, consistent with the predicted molecular weight of ETS1. This ETS1 Antibody is suitable for immunoprecipitation and studies of ETS family transcription factors and transcriptional regulation.



ETS1 Antibody Human and Mouse WB. Western blot analysis of human Jurkat (lane 1) and Daudi (lane 2) whole cell lysates, and mouse thymus tissue (lane 3) using ETS1 Antibody at 0.5 ug/ml. A specific band is detected at approximately 50 kDa in all samples, consistent with the predicted molecular weight of ETS1. This ETS1 Antibody is suitable for studies of ETS family transcription factors, lymphocyte development, immune cell signaling, and transcriptional regulation.

Description

Protein C-ets-1 is a protein that in humans is encoded by the ETS1 gene. It is mapped to 11q24.3. 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.

For comprehensive analysis of ETS1 in transcriptional regulation and tumor progression studies, see our ETS1 antibody (clone r1G11).

Application Notes

Optimal dilution of the ETS1 antibody should be determined by the researcher.

Immunogen

Amino acids 67-98 (KDPRQWTETHVRDWVMWAVNEFSLKGVDFQKF) from the human protein were used as the immunogen for the ETS1 antibody.

Storage

After reconstitution, the ETS1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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