

ETS1 (Phospho-S251) polyclonal antibody

Catalog: BS64586

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Ets-1 is the prototype member of a family of genes identified on the basis of homology to the v-Ets oncogene isolated from the E26 erythroblastosis virus. This family of genes currently includes Ets-1, Ets-2, Erg-1-3, Elk-1, Elf-1, Elf-5, NERF, PU.1, PEA3, ERM, FEV, ER81, Fli-1, TEL, Spi-B, ESE-1, ESE-3A, Net, ABT1 and ERF. Members of the Ets gene family exhibit varied patterns of tissue expression and share a highly conserved carboxy-terminal domain containing a sequence related to the SV40 large T antigen nuclear localization signal sequence. This conserved domain is essential for Ets-1 binding to DNA and is likely to be responsible for the DNA binding activity of all members of the Ets gene family. Several of these proteins have been shown to recognize similar motifs in DNA that share a centrally located 5'-GGAA-3' element. Evidence indicates that the DNA binding activity by Ets-1 is regulated at the level of phosphorylation.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P14921

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000 IHC:1:50~1:200

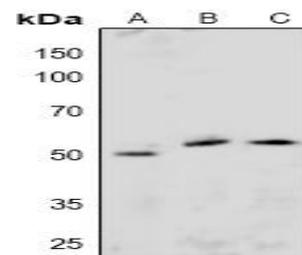
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ETS1 (Phospho-S251) polyclonal antibody detects endogenous levels of ETS1 protein only when phosphorylated at Ser251.

DATA:



Western blot (WB) analysis of ETS1 (Phospho-S251) polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:NIH3T3 whole cell lysate

LaneC:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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