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ETS1 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP10718a

Specification

ETS1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession P14921

ETS1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 2113

Other Names
Protein C-ets-1, p54, ETS1, EWSR2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ETS1 Antibody (N-term) Blocking peptide - Protein Information

Name ETS1

Synonyms EWSR2

Function
Transcription factor (PubMed:10698492, PubMed:11909962). Directly controls the expression of cytokine and chemokine genes in a wide variety of different cellular contexts (PubMed:20378371). May control the differentiation, survival and proliferation of lymphoid cells (PubMed:20378371). May also regulate angiogenesis through regulation of expression of genes controlling endothelial cell migration and invasion (PubMed:15247905, PubMed:15592518).

Cellular Location
Nucleus. Cytoplasm Note=Delocalizes from nucleus to cytoplasm when coexpressed with isoform Ets-1 p27.

Tissue Location
Highly expressed within lymphoid cells. Isoforms c- ETS-1A and Ets-1 p27 are both detected in all fetal tissues tested, but vary with tissue type in adult tissues. None is detected in brain or kidney.

ETS1 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ETS1 Antibody (N-term) Blocking peptide - Images

ETS1 Antibody (N-term) Blocking peptide - Background

ETS transcriptions factors, such as ETS1, regulatenumerous genes and are involved in stem cell development, cellsenescence and death, and tumorigenesis. The conserved ETS domainwithin these proteins is a winged helix-turn-helix DNA-bindingdomain that recognizes the core consensus DNA sequence GGAA/T oftarget genes (summary by Dwyer et al., 2007 [PubMed17986575]).

ETS1 Antibody (N-term) Blocking peptide - References

Harris, T.A., et al. Arterioscler. Thromb. Vasc. Biol. 30(10):1990-1997(2010)He, C.F., et al. Lupus 19(10):1181-1186(2010)Russell, L., et al. Cytokine 51(3):217-226(2010)Li, T., et al. Pharm Biol 48(2):161-165(2010)Kunderfranco, P., et al. PLoS ONE 5 (5), E10547 (2010) :