

Fli-1 Polyclonal Antibody

Catalog No: YT1720

Reactivity: Human; Mouse

Applications: WB;IHC;IF;ELISA

Target: FLI1

Fields: >>Transcriptional misregulation in cancer

Gene Name: FLI1

Protein Name: Friend leukemia integration 1 transcription factor

Human Gene ld: 2313

Human Swiss Prot

Q01543

P26323

No:

Mouse Gene Id: 14247

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

FLI1. AA range:291-340

Specificity: Fli-1 Polyclonal Antibody detects endogenous levels of Fli-1 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 50kD

Background: This gene encode

This gene encodes a transcription factor containing an ETS DNA-binding domain. The gene can undergo a t(11;22)(q24;q12) translocation with the Ewing sarcoma gene on chromosome 22, which results in a fusion gene that is present in the majority of Ewing sarcoma cases. An acute lymphoblastic leukemia-associated t(4;11)(q21;q23) translocation involving this gene has also been identified. Alternative splicing results in multiple transcript variants. [provided by

RefSeq, Aug 2012],

Function: disease: A chromosomal aberration involving FLI1 is a cause of Ewing sarcoma

[MIM:133450]. Translocation t(11;22)(q24;q12) with EWS.,function:Sequence-

specific transcriptional activator. Recognizes the DNA sequence

5'-C[CA]GGAAGT-3'.,miscellaneous:Located on a fragment of chromosome 11 flanked on the centromeric side by the acute lymphoblastic leukemia-associated t(4;11)(q21;q23) translocation breakpoint and on the telomeric side by the Ewing-

and neuroepithelioma-associated t(11;22) (q24;q12)

breakpoint.,similarity:Belongs to the ETS family.,similarity:Contains 1 ETS DNA-binding domain.,similarity:Contains 1 PNT (pointed) domain.,subunit:Can form

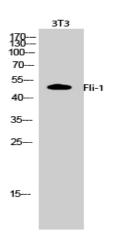
homodimers or heterodimers with ETV6/TEL1.,

Subcellular Location:

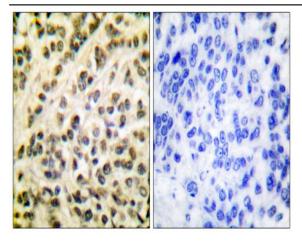
Nucleus.

Expression: Blood,Bone marrow,Lymph,Placenta,

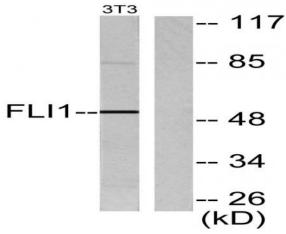
Products Images



Western Blot analysis of 3T3 cells using Fli-1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using FLI1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using FLI1 Antibody. The lane on the right is blocked with the synthesized peptide.