



TEL Polyclonal Antibody

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|---------------------------|---|
| Catalog No | BYab-02098 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB;IHC;IF;ELISA |
| Gene Name | ETV6 |
| Protein Name | Transcription factor ETV6 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human ETV6. AA range:371-420 |
| Specificity | TEL Polyclonal Antibody detects endogenous levels of TEL protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | ETV6; TEL; TEL1; Transcription factor ETV6; ETS translocation variant 6; ETS-related protein Tel1; Tel |
| Observed Band | 53kD |
| Cell Pathway | Nucleus. |
| Tissue Specificity | Ubiquitous. |
| Function | disease:A chromosomal aberration involving ETV6 is a cause in many instances of chronic myeloproliferative disorder with eosinophilia (MPE) [MIM:131440]. Translocation t(5;12) with PDGFRB on chromosome 5 creating an ETV6-PDGFRB fusion protein..disease:A chromosomal aberration involving ETV6 is a cause of acute lymphoblastic leukemia. Translocation t(9;12)(p13;p13) with PAX5..disease:A chromosomal aberration involving ETV6 is a cause of myelodysplastic syndrome (MDS). Translocation t(1;12)(p36.1;p13) with MDS2..disease:A chromosomal aberration involving ETV6 is found in a form of chronic myelomonocytic leukemia (CMML). Translocation t(5;12)(q33;p13) with |

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PDGFRB. It is characterized by abnormal clonal myeloid proliferation and by progression to acute myelogenous leukemia (AML).,disease:A chromosomal aberration involving ETV6 is found in a form of pre-B acute myeloid leukemia. Translocation

Background

This gene encodes an ETS family transcription factor. The product of this gene contains two functional domains: a N-terminal pointed (PNT) domain that is involved in protein-protein interactions with itself and other proteins, and a C-terminal DNA-binding domain. Gene knockout studies in mice suggest that it is required for hematopoiesis and maintenance of the developing vascular network. This gene is known to be involved in a large number of chromosomal rearrangements associated with leukemia and congenital fibrosarcoma. [provided by RefSeq, Sep 2008],

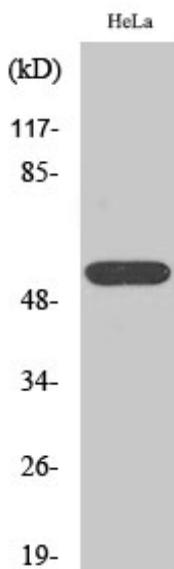
matters needing attention

Avoid repeated freezing and thawing!

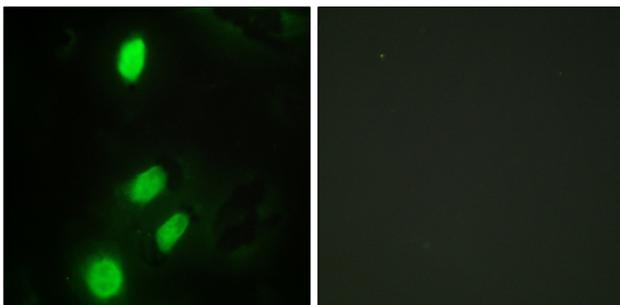
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

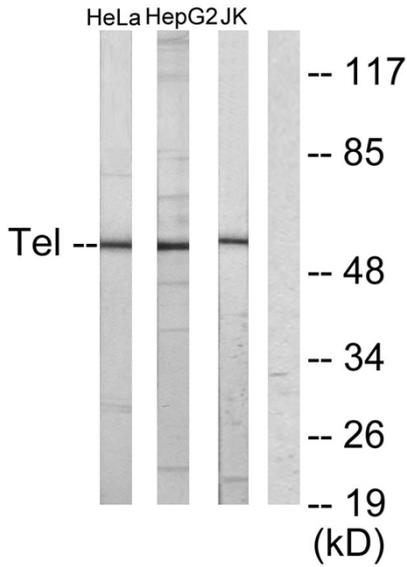


Western Blot analysis of various cells using TEL Polyclonal Antibody

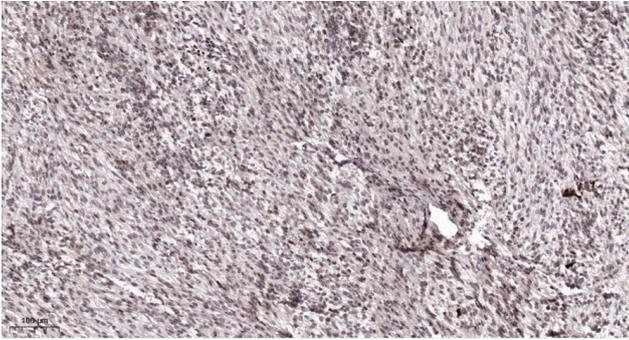


Immunofluorescence analysis of HeLa cells, using ETV6 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HeLa, HepG2, and Jurkat cells, using ETV6 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).