


Anti-ETV6 / Tel antibody ab64909

[1 References](#) [2 Images](#)

Overview

Product name	Anti-ETV6 / Tel antibody
Description	Rabbit polyclonal to ETV6 / Tel
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide derived from internal sequence of human ETV6/ Tel.
Positive control	HeLa cells. Extracts from HeLa cells, HepG2 cells and Jurkat cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p>
Purity	Without Mg ²⁺ and Ca ²⁺
Clonality	Immunogen affinity purified
Isotype	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab64909 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/500 - 1/1000.
WB		1/500 - 1/1000. Detects a band of approximately 53 kDa (predicted molecular weight: 53 kDa).

Target

Function

Transcriptional repressor; binds to the DNA sequence 5'-CCGGAAGT-3'.

Tissue specificity

Ubiquitous.

Involvement in disease

Note=A chromosomal aberration involving ETV6 is found in a form of chronic myelomonocytic leukemia (CMML). Translocation t(5;12)(q33;p13) with PDGFRB. It is characterized by abnormal clonal myeloid proliferation and by progression to acute myelogenous leukemia (AML).

Note=Chromosomal aberrations involving ETV6 are found in a form of acute myeloid leukemia (AML). Translocation t(12;22)(p13;q11) with MN1; translocation t(4;12)(q12;p13) with CHIC2.

Note=Chromosomal aberrations involving ETV6 are found in childhood acute lymphoblastic leukemia (ALL). Translocations t(12;21)(p12;q22) and t(12;21)(p13;q22) with RUNX1/AML1.

Note=A chromosomal aberration involving ETV6 is found in a form of pre-B acute myeloid leukemia. Translocation t(9;12)(p24;p13) with JAK2.

Note=A chromosomal aberration involving ETV6 is found in myelodysplastic syndrome (MDS) with basophilia. Translocation t(5;12)(q31;p13) with ACSL6.

Note=A chromosomal aberration involving ETV6 is found in acute eosinophilic leukemia (AEL). Translocation t(5;12)(q31;p13) with ACSL6.

Note=A chromosomal aberration involving ETV6 is found in myelodysplastic syndrome (MDS). Translocation t(1;12)(p36.1;p13) with MDS2.

Defects in ETV6 are a cause of myeloproliferative disorder chronic with eosinophilia (MPE) [MIM:131440]. A hematologic disorder characterized by malignant eosinophils proliferation.

Note=A chromosomal aberration involving ETV6 is found in many instances of myeloproliferative disorder chronic with eosinophilia. Translocation t(5;12) with PDGFRB on chromosome 5 creating an ETV6-PDGFRB fusion protein.

Defects in ETV6 are a cause of acute myelogenous leukemia (AML) [MIM:601626]. AML is a malignant disease in which hematopoietic precursors are arrested in an early stage of development.

Note=A chromosomal aberration involving ETV6 is found in acute lymphoblastic leukemia. Translocation t(9;12)(p13;p13) with PAX5.

Sequence similarities

Belongs to the ETS family.

Contains 1 ETS DNA-binding domain.

Contains 1 PNT (pointed) domain.

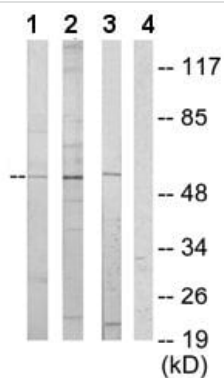
Post-translational modifications

Phosphorylation of Ser-257 by MAPK14 (p38) inhibits ETV6 transcriptional repression.

Cellular localization

Nucleus.

Images



Western blot - Anti-ETV6 / Tel antibody (ab64909)

All lanes : Anti-ETV6 / Tel antibody (ab64909) at 1/500 dilution

Lane 1 : extracts from HeLa cells

Lane 2 : extracts from HepG2 cells

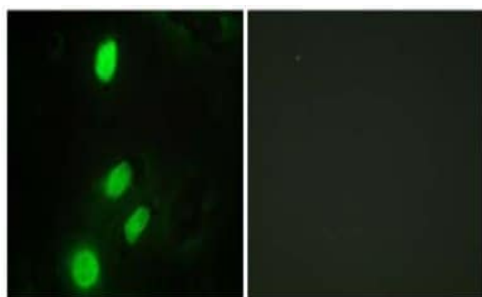
Lane 3 : extracts from Jurkat cells

Lane 4 : extracts from Jurkat cells with immunising peptide at 10 μ g

Lysates/proteins at 30 μ g per lane.

Predicted band size: 53 kDa

Observed band size: 53 kDa



Immunocytochemistry/ Immunofluorescence - Anti-ETV6 / Tel antibody (ab64909)

ab64909, at 1/500 dilution, staining HeLa cells by immunofluorescence in the absence (left) or presence (right) of immunising peptide.

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