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ETV6 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8917a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	P41212
Other Accession	P97360, Q0VC65
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Mouse, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53000
Antigen Region	84-111

Additional Information

Gene ID	2120
Other Names	Transcription factor ETV6, ETS translocation variant 6, ETS-related protein Tel1, Tel, ETV6, TEL, TEL1
Target/Specificity	This ETV6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 84-111 amino acids from the N-terminal region of human ETV6.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ETV6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ETV6
Synonyms	TEL, TEL1

Function	Transcriptional repressor; binds to the DNA sequence 5'- CCGGAAGT-3'. Plays a role in hematopoiesis and malignant transformation.
Cellular Location	Nucleus.
Tissue Location	Ubiquitous.

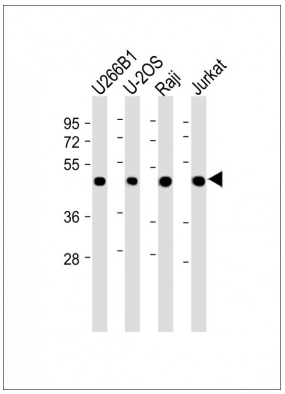
Background

ETV6 is an ETS family transcription factor. This protein 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.

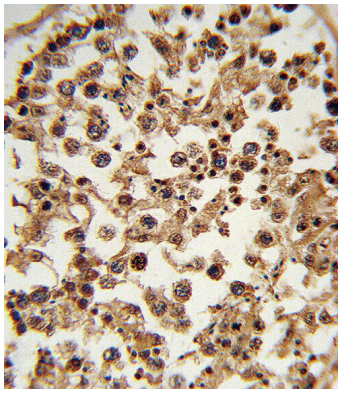
References

Buijs,A., et.al., Oncogene 10 (8), 1511-1519 (1995)
Golub,T.R.,et.al., Proc. Natl. Acad. Sci. U.S.A. 92 (11), 4917-4921 (1995)

Images

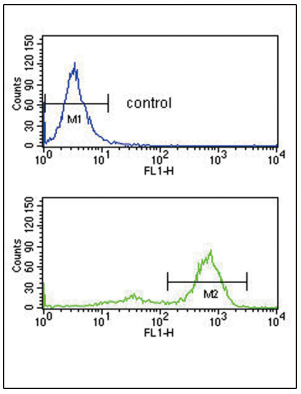


All lanes : Anti-ETV6 Antibody (N-term) at 1:2000 dilution Lane 1: U266B1 whole cell lysate Lane 2: U-2OS whole cell lysate Lane 3: Raji whole cell lysate Lane 4: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Formalin-fixed and paraffin-embedded human testis tissue reacted with ETV6 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ETV6 Antibody (N-term) (Cat. #AP8917a) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.