10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ETV6 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14496c

Specification

ETV6 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P41212
Other Accession	Q0VC65, NP_001978.1
Reactivity	**Mouse**
Predicted	**Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**53000**
Antigen Region	**173-202**

ETV6 Antibody (Center) - 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 173-202 amino acids from the Central region of human ETV6.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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 (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ETV6 Antibody (Center) - 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.

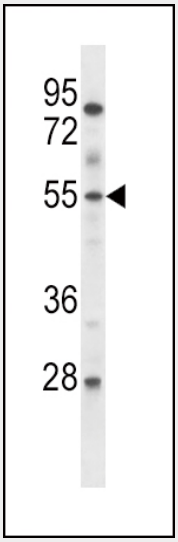
Tissue Location
Ubiquitous.

ETV6 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ETV6 Antibody (Center) - Images



ETV6 Antibody (Center) (Cat. #AP14496c) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the ETV6 antibody detected the ETV6 protein (arrow).

ETV6 Antibody (Center) - 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.

ETV6 Antibody (Center) - References

Otsubo, K., et al. Cancer Genet. Cytogenet. 202(1):22-26(2010)
Roukens, M.G., et al. Nat. Cell Biol. 12(10):933-942(2010)
Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Gascon, E., et al. J. Neurosci. 30(37):12414-12423(2010)
Liang, D.C., et al. Pediatr Blood Cancer 55(3):430-433(2010)