

Rabbit ETV6/Tel Polyclonal Antibody | anti-ETV6/Tel antibody

Anti-ETV6/Tel Picoband antibody

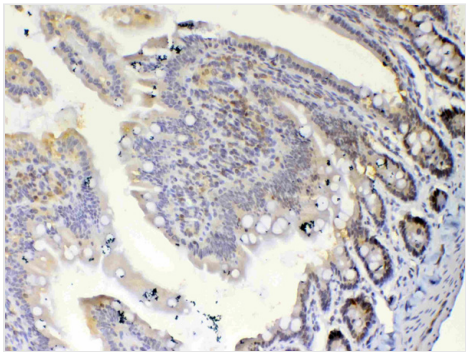
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA124566	Rabbit	Human, Mouse, Rat No cross reactivity with other proteins.	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

ETV6/Tel; Polyclonal Antibody; Anti-ETV6/Tel Picoband antibody; Transcription factor ETV6; ETS translocation variant 6; ETS-related protein Tel1; Tel; ETV6; TEL; TEL1; anti-ETV6/Tel antibody

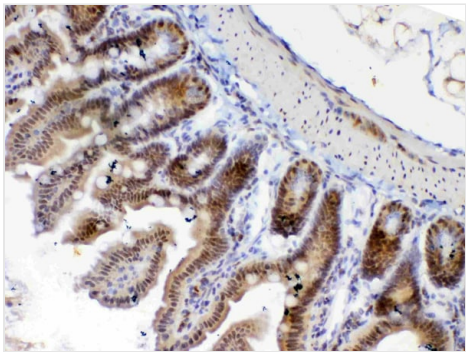
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Form/Format	Lyophilized
Sequence Length	452
Applicable Applications for anti-ETV6/Tel antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	E Coli-derived human ETV6/Tel recombinant protein (Position: E327-Q448).
Subcellular Localization	Nucleus.
Tissue Specificity	Ubiquitous.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



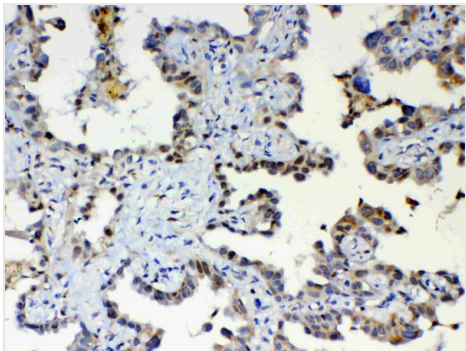
IHC (Immunohistochemistry)

Figure 5. IHC analysis of ETV6/Tel using anti-ETV6/Tel antibody (AAA124566).ETV6/Tel was detected in paraffin-embedded section of rat small intestine tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-ETV6/Tel Antibody (AAA124566) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



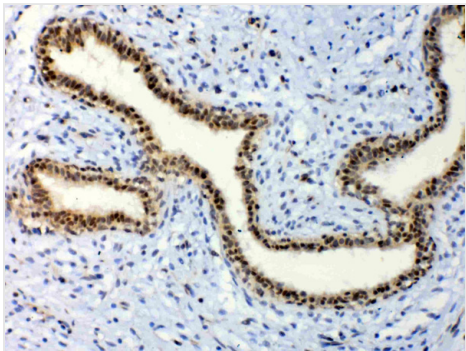
IHC (Immunohistochemistry)

Figure 4. IHC analysis of ETV6/Tel using anti-ETV6/Tel antibody (AAA124566).ETV6/Tel was detected in paraffin-embedded section of mouse small intestine tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-ETV6/Tel Antibody (AAA124566) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



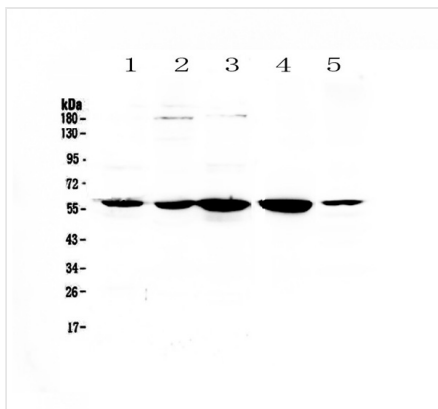
IHC (Immunohistochemistry)

Figure 3. IHC analysis of ETV6/Tel using anti-ETV6/Tel antibody (AAA124566).ETV6/Tel was detected in paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-ETV6/Tel Antibody (AAA124566) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 2. IHC analysis of ETV6/Tel using anti-ETV6/Tel antibody (AAA124566).ETV6/Tel was detected in paraffin-embedded section of human mammary cancer tissue. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-ETV6/Tel Antibody (AAA124566) overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



WB (Western Blot)

Figure 1. Western blot analysis of ETV6/Tel using anti-ETV6/Tel antibody (AAA124566). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: human placenta tissue lysates, Lane 2: human Hela cell lysates, Lane 3: human 22RV1 cell lysates, Lane 4: human SKOV cell lysates, Lane 5: human A549 cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ETV6/Tel antigen affinity purified polyclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for ETV6/Tel at approximately 59KD. The expected band size for ETV6/Tel is at 53KD.

ADDITIONAL INFORMATION

Related Product Information for anti-ETV6/Tel antibody	Description: Transcription factor ETV6 is a protein that in humans is encoded by the ETV6 gene. 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. Protein Function: Transcriptional repressor; binds to the DNA sequence 5'- CCGGAAGT-3'. Plays a role in hematopoiesis and malignant transformation.
Product Categories/Family for anti-ETV6/Tel antibody	Epigenetics and Nuclear Signaling; Transcription; Cancer Susceptibility; Proto-Oncogenes; Epigenetics and Nuclear Signaling; Domain Families; ETS; Other Factors; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503611
NCBI GeneID	2120
NCBI Accession #	NP_001978.1
NCBI GenBank Nucleotide #	NM_001987.4
UniProt Accession #	P41212; Q9UMF6; Q9UMF7; Q9UMG0; A3QVP6; A8K076
Molecular Weight	53,000 Da
NCBI Official Full Name	transcription factor ETV6
NCBI Official Synonym Full Names	ETS variant 6
NCBI Official Symbol	ETV6
NCBI Official Synonym Symbols	TEL; THC5; TEL/ABL
NCBI Protein Information	transcription factor ETV6

UniProt Protein Name	Transcription factor ETV6
UniProt Gene Name	ETV6
UniProt Synonym Gene Names	TEL; TEL1; Tel

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/etv6-tel-antibody-western-blot-immunohistochemistry-elisa/124566>