.-online.com antibodies

Datasheet for ABIN5693220 anti-ETV6 antibody (AA 327-448)

5 Images



Overview

Quantity:	100 µg
Target:	ETV6
Binding Specificity:	AA 327-448
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETV6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Brand:	Picoband™
Immunogen:	E. coli-derived human ETV6/Tel recombinant protein (Position: E327-Q448).
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for ETV6/Tel detection. Tested with WB, IHC-P, Direct ELISA in Human,Mouse,Rat.

Target Details

Target:	ETV6
Alternative Name:	ETV6 (ETV6 Products)
Background:	Synonyms: Transcription factor ETV6, ETS translocation variant 6, ETS-related protein Tel1, Tel,

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN5693220 | 01/15/2024 | Copyright antibodies-online. All rights reserved. ETV6, TEL, TEL1

Tissue Specificity: Ubiquitous.

Background: 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.

UniProt:

P41212

Application Details

Application Notes:	Recommended Detection Systems: Enhanced Chemiluminescent Kit with anti-Rabbit IgG
	(ABIN921124) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit
	(SV0002-1) for IHC(P).
	Application Details: Western blot, 0.1-0.5 µg/mL
	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/mL
	Direct ELISA, 0.1-0.5 µg/mL
Restrictions:	For Research Use only

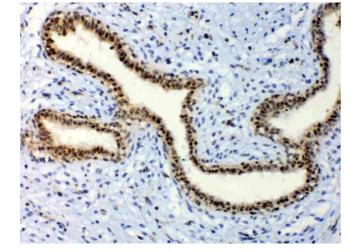
Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 μ g/mL.
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na $_2$ HPO $_4$, 0.05 mg NaN $_3$.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN5693220 | 01/15/2024 | Copyright antibodies-online. All rights reserved.

Images





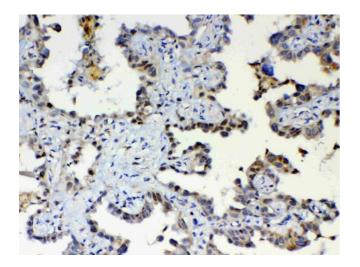
Western Blotting

Image 1. Western blot analysis of ETV6/Tel using anti-ETV6/Tel antibody . 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 а 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 (Catalog #) at 0.5 µg/mL overnight at 4°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 (Catalog # EK1002) 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.

Immunohistochemistry

Image 2. IHC analysis of ETV6/Tel using anti-ETV6/Tel antibody . 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 1µg/ml rabbit anti-ETV6/Tel Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/4 | Product datasheet for ABIN5693220 | 01/15/2024 | Copyright antibodies-online. All rights reserved.



chromogen.

Immunohistochemistry

Image 3. IHC analysis of ETV6/Tel using anti-ETV6/Tel antibody . 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 1µg/ml rabbit anti-ETV6/Tel Antibody overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Strepavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.

Please check the product details page for more images. Overall 5 images are available for ABIN5693220.