

ARG58570 anti-ETV6 / Tel antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ETV6 / Tel
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ETV6 / Tel
Species	Human
Immunogen	Recombinant protein corresponding to E327-Q448 of Human ETV6 / Tel.
Conjugation	Un-conjugated
Alternate Names	TEL; TEL/ABL; Transcription factor ETV6; THC5; ETS-related protein Tel1; Tel; ETS translocation variant 6

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

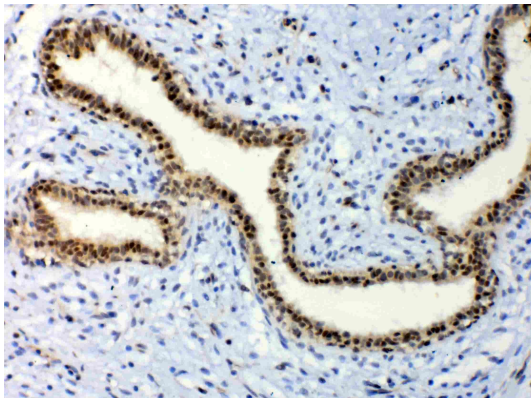
Properties

Form	Liquid
Purification	Purified.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

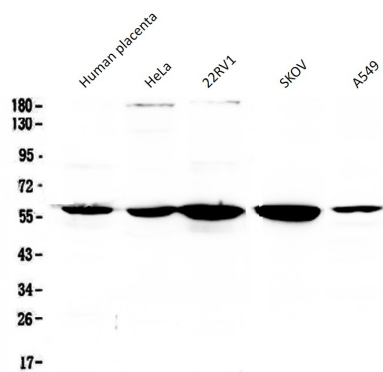
Gene Symbol	ETV6
Gene Full Name	ets variant 6
Background	This gene encodes an ETS family transcription factor. The product of this gene contains two functional domains: a N-terminal pointed (PNT) domain that is involved in protein-protein interactions with itself and other proteins, and a C-terminal 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. [provided by RefSeq, Sep 2008]
Function	Transcriptional repressor; binds to the DNA sequence 5'-CCGGAAGT-3'. Plays a role in hematopoiesis and malignant transformation. [UniProt]
Calculated Mw	53 kDa
PTM	Phosphorylation of Ser-257 by MAPK14 (p38) inhibits ETV6 transcriptional repression. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



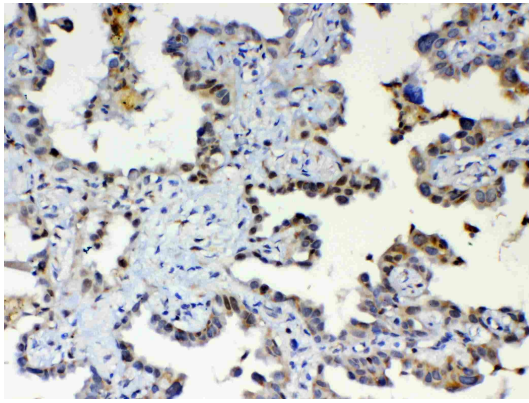
ARG58570 anti-ETV6 / Tel antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 µg/ml ARG58570 anti-ETV6 / Tel antibody overnight at 4°C.



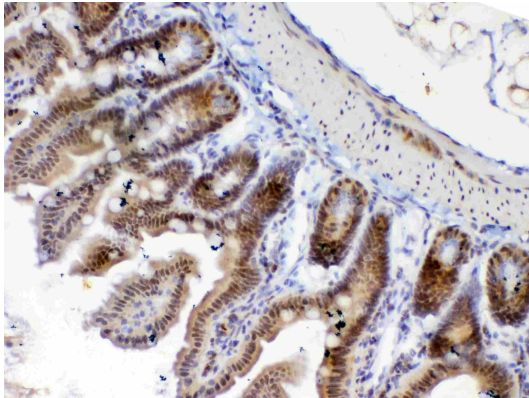
ARG58570 anti-ETV6 / Tel antibody WB image

Western blot: 50 µg of Human placenta, HeLa, 22RV1, SKOV and A549 lysates stained with ARG58570 anti-ETV6 / Tel antibody at 0.5 µg/ml, overnight at 4°C, under reducing conditions.



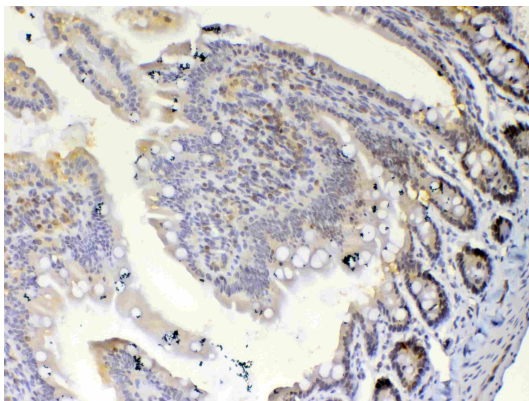
ARG58570 anti-ETV6 / Tel antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with 1 μ g/ml ARG58570 anti-ETV6 / Tel antibody overnight at 4°C.



ARG58570 anti-ETV6 / Tel antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse small intestine tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with 1 μ g/ml ARG58570 anti-ETV6 / Tel antibody overnight at 4°C.



ARG58570 anti-ETV6 / Tel antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat small intestine tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with 1 μ g/ml ARG58570 anti-ETV6 / Tel antibody overnight at 4°C.