

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

Phospho-ETV6/Tel (Ser257) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329843	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig (88%), Bovine (88%), Rabbit (89%), Dog (100%), Chicken (100%), Xenopus (83%)	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ETV6/Tel; Polyclonal Antibody; Phospho-ETV6/Tel (Ser257) Antibody; ETS related protein Tel1; ETS translocation variant 6; Ets variant 6; Ets variant gene 6 (TEL oncogene); ETS-related protein Tel1; ETV 6; ETV6; ETV6_HUMAN; Tel; TEL oncogene; TEL/ABL; TEL1; TEL1 oncogene; Transcription factor ETV 6; Transcription factor ETV6; anti-ETV6/Tel antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig (88%), Bovine (88%), Rabbit (89%), Dog (100%), Chicken (100%), Xenopus (83%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-ETV6/Tel (Ser257) Antibody detects endogenous levels of ETV6/Tel only when phosphorylated at Ser257. Tissue Specificity: Ubiquitous.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ETV6/Tel antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ETV6/Tel around the phosphorylation site of Ser257.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Phosphorylation of Ser-257 by MAPK14 (p38) inhibits ETV6 transcriptional repression.
Subunit Structure	Can form homodimers or heterodimers with TEL2 or FLI1. Interacts with L3MBTL1 and HDAC9.
Similarity	Belongs to the ETS family.
Subcellular Location	Nucleus.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemisry)

At 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohiostchemistry)

Staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of Tel (Phospho-Ser257) using NIH-3T3 whole cell lysates.-/+ means absence or presence of N peptide¼ non-phospho peptide) and P peptide(phospho peptide).

ADDITIONAL INFORMATION

Related Product Information for anti-ETV6/Tel antibody	Transcriptional repressor; binds to the DNA sequence 5'-CCGGAAGT-3'. Plays a role in hematopoiesis and malignant transformation.
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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; TEL/ABL
NCBI Protein Information	transcription factor ETV6; TEL1 oncogene; ETS-related protein Tel1; ETS translocation variant 6; ets variant gene 6 (TEL oncogene)
UniProt Protein Name	Transcription factor ETV6
UniProt Gene Name	ETV6
UniProt Synonym Gene Names	TEL; TEL1; Tel
UniProt Entry Name	ETV6_HUMAN

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.