

Datasheet for ABIN6140328
anti-ETV1 antibody (AA 1-200)



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1 Image

Overview

Quantity:	100 µL
Target:	ETV1
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETV1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human ETV1 (NP_004947.2).
Sequence:	MDGFYDQQVP YMVTNSQRGR NCNEKPTNVR KRKFINRDLA HDSEELFQDL SQLQETWLAE AQVPDNDEQF VPDYQAESLA FHGLPLKIKK EPHSPCSEIS SACSQEQPFK FSYGEKCLYN VSAYDQKPQV GMRPSNPPTP SSTPVSPPLHH ASPNSTHTPK PDRAFFAHL P PSQSIPDSSY PMDHRFRRL SEPCNSFPPL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ETV1
Alternative Name:	ETV1 (ETV1 Products)
Background:	This gene encodes a member of the ETS (E twenty-six) family of transcription factors. The ETS proteins regulate many target genes that modulate biological processes like cell growth, angiogenesis, migration, proliferation and differentiation. All ETS proteins contain an ETS DNA-binding domain that binds to DNA sequences containing the consensus 5'-CGGA[AT]-3'. The protein encoded by this gene contains a conserved short acidic transactivation domain (TAD) in the N-terminal region, in addition to the ETS DNA-binding domain in the C-terminal region. This gene is involved in chromosomal translocations, which result in multiple fusion proteins including EWS-ETV1 in Ewing sarcoma and at least 10 ETV1 partners (see PMID: 19657377, Table 1) in prostate cancer. In addition to chromosomal rearrangement, this gene is overexpressed in prostate cancer, melanoma and gastrointestinal stromal tumor. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.,ETV1,ER81,Epigenetics & Nuclear Signaling,Transcription Factors,Signal Transduction,MAPK-Erk Signaling Pathway,MAPK-P38 Signaling Pathway,Neuroscience,Stem Cells,Hematopoietic Progenitors,ETV1
Molecular Weight:	43 kDa/48 kDa/50 kDa/52 kDa/53 kDa/55 kDa
Gene ID:	2115
UniProt:	P50549

Application Details

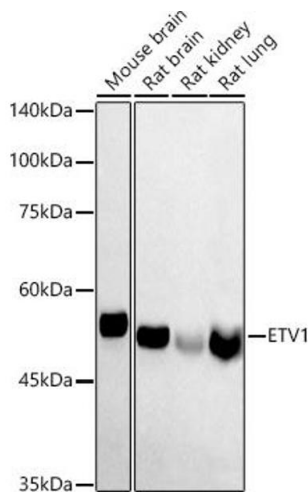
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Validation report #104387 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ETV1 antibody (ABIN6129795, ABIN6140328, ABIN6140330 and ABIN6223003) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.