

Datasheet for ABIN6140327
anti-ETV1 antibody (AA 80-300)



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4 Images

Overview

Quantity:	100 µL
Target:	ETV1
Binding Specificity:	AA 80-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ETV1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 80-300 of human ETV1 (NP_004947.2).
Sequence:	AFHGLPLKIK KEPHSPCSEI SSACSQEQPF KFSYGEKCLY NVSAYDQKPQ VGMRPSNPPT PSSTPV SPLH HASPNSTHTP KPDRAFP AHL PPSQSIPDSS YPMDHRFRRQ LSEPCNSFPP LPTMPREGRP MYQRQMSEPN IPFPPQGFKQ EYHDPVYEHN TMVGSAASQS FPPPLMIKQE PRDFAYDSEV PSCHSIYMRQ EGFLAHP SRT EGCMFEKGPR Q
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ETV1
Alternative Name:	ETV1 (ETV1 Products)
Background:	<p>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</p>
Molecular Weight:	43 kDa/48 kDa/50 kDa/52 kDa/53 kDa/55 kDa
Gene ID:	2115
UniProt:	P50549

Application Details

Application Notes:	IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

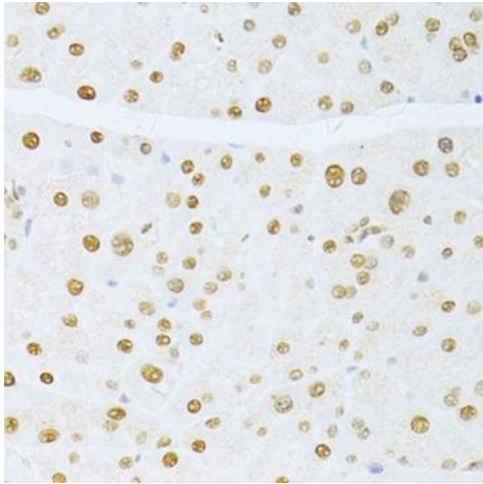
Handling

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

Handling

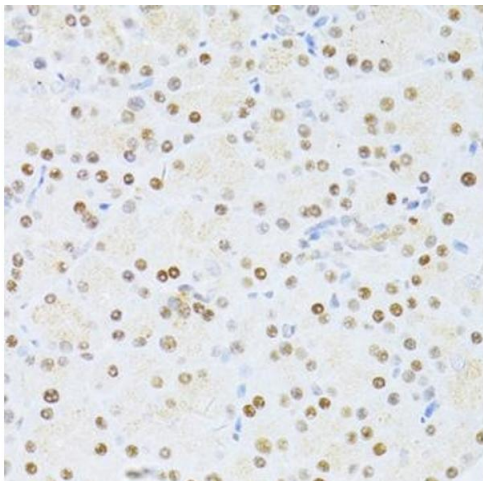
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



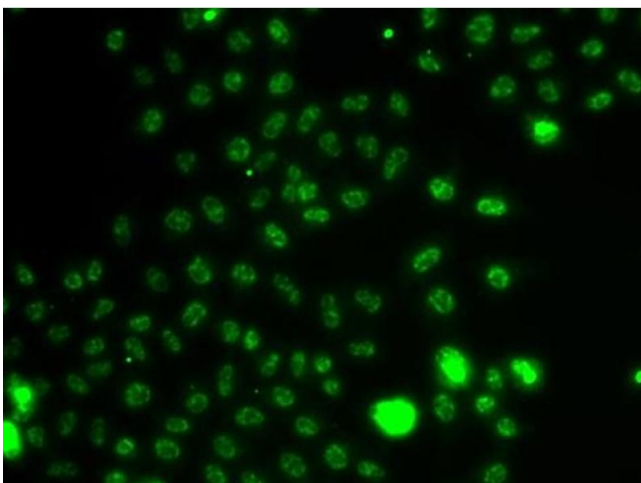
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse pancreas using ETV1 antibody (ABIN6129794, ABIN6140327, ABIN6140329 and ABIN6217250) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded rat pancreas using ETV1 antibody (ABIN6129794, ABIN6140327, ABIN6140329 and ABIN6217250) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence

Image 3. Immunofluorescence analysis of cells using ETV1 antibody (ABIN6129794, ABIN6140327, ABIN6140329 and ABIN6217250).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6140327.