

# Product Datasheet

## ETV6/Tel Antibody - BSA Free NBP1-80695

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 5

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**NBP1-80695**

ETV6/Tel Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

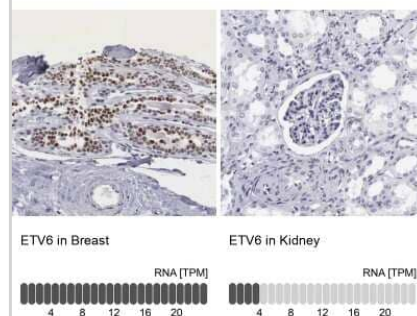
Product Description	
<b>Description</b>	Novus Biologicals Rabbit ETV6/Tel Antibody - BSA Free (NBP1-80695) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-ETV6/Tel Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2120
<b>Gene Symbol</b>	ETV6
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: NGKALLLLTKEDFRYRSPHSGDVLVYELLQHILKQRKPRILFSPFFHPGNSIHTQP EVILHQNHEDNVCVQRTPRPSVDNVHHNPPTIELLHRSRSPITTNHRPSPDPEQ RPLRSPLDNMIR

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
<b>Application Notes</b>	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

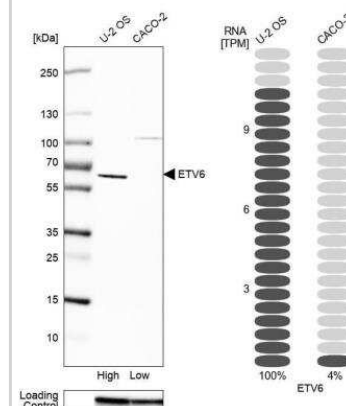


## Images

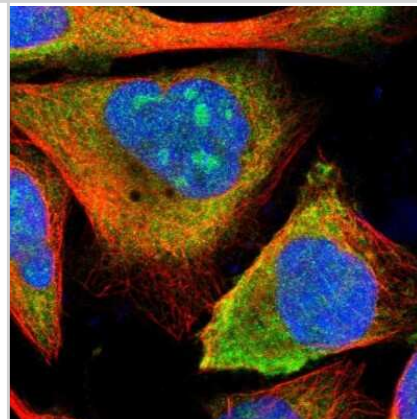
Immunohistochemistry-Paraffin: ETV6/Tel Antibody [NBP1-80695] - Staining in human breast and kidney tissues using anti-ETV6 antibody. Corresponding ETV6 RNA-seq data are presented for the same tissues.



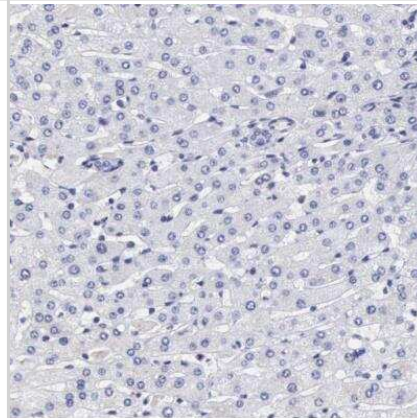
Western Blot: ETV6/Tel Antibody [NBP1-80695] - Analysis in human cell lines U2OS and Caco-2. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



Immunocytochemistry/Immunofluorescence: ETV6/Tel Antibody [NBP1-80695] - Staining of human cell line U-2 OS shows localization to nucleoli & cytosol. Antibody staining is shown in green.



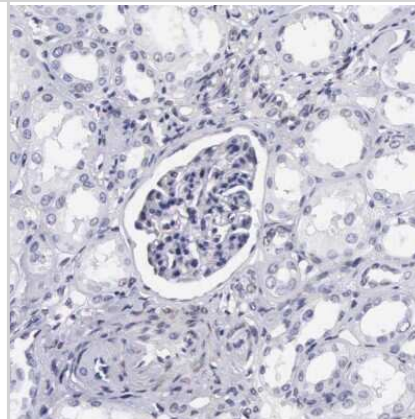
Immunohistochemistry-Paraffin: ETV6/Tel Antibody [NBP1-80695] - Staining of human liver shows no positivity in hepatocytes as expected.



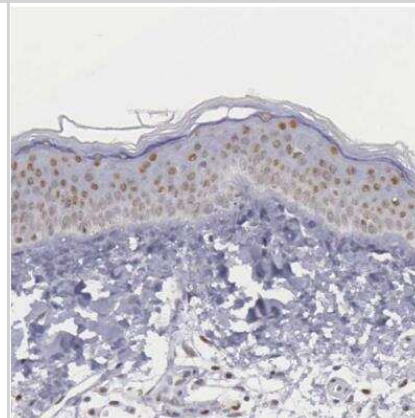
Immunohistochemistry-Paraffin: ETV6/Tel Antibody [NBP1-80695] - Staining of human breast shows high expression.



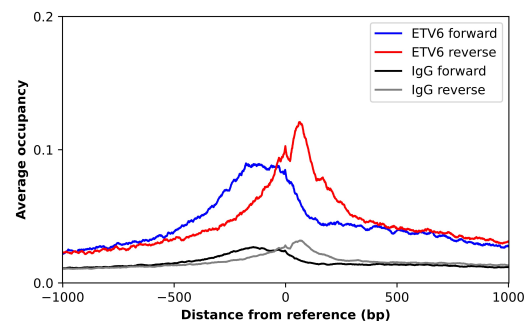
Immunohistochemistry-Paraffin: ETV6/Tel Antibody [NBP1-80695] - Staining of human kidney shows low expression as expected.



Immunohistochemistry-Paraffin: ETV6/Tel Antibody [NBP1-80695] - Staining of human skin shows weak nuclear positivity in keratinocytes.



ChIP-Exo-Seq composite graph for Anti-ETV6 (NBP1-80695) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



## Publications

Villar J, Cros A, De Juan A et al. ETV3 and ETV6 enable monocyte differentiation into dendritic cells by repressing macrophage fate commitment *Nature immunology* 2023-01-01 [PMID: 36543959] (WB, FLOW, Human)

Romero Nunez E, Blanco Ayala T, Vazquez Cervantes GI et al. Pregestational Exposure to *T. gondii* Produces Maternal Antibodies That Recognize Fetal Brain Mimotopes and Induces Neurochemical and Behavioral Dysfunction in the Offspring Cells 2022-11-29 [PMID: 36497079] (ELISA, Rat)

Li T, Li L, Peng R et al. Abrocitinib Attenuates Microglia-Mediated Neuroinflammation after Traumatic Brain Injury via Inhibiting the JAK1/STAT1/NF- $\kappa$ B Pathway Cells 2022-11-13 [PMID: 36429017] (WB, Mouse)

Leila Noetzli, Richard W Lo, Alisa B Lee-Sherick et al. Germline mutations in ETV6 are associated with thrombocytopenia, red cell macrocytosis and predisposition to lymphoblastic leukemia. *Nature Genetics* 2015-03-25 [PMID: 25807284] (IF/IHC, Human)

Ek S, Andreasson U, Hober S et al. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies. *Mol Cell Proteomics* 2006-06-01 [PMID: 16524965]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-80695**

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NB820-59319	Human Appendix Whole Tissue Lysate (Adult Whole Liver Cirrhosis)
NBP1-80695PEP	ETV6/Tel Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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