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**Research Use Only. Not  
for diagnostic or  
therapeutic use.**

Storage: Aliquot and store at  
-20°C. Minimize freezing and  
thawing.

## Product: EB07080 – Goat anti-ETV1 antibody

*This product is one of a range of **Investigative Grade** antibodies, made against targets that have limited or no commercial antibodies available to them and for which there are no data on the expression of the protein in the range of common cell lines and tissues available to us. These antibodies are affinity purified using their peptide immunogen and are known to give low background staining in a western blot (see Application Notes below). However no additional claims are made for their ability to recognise native protein in any application.*

### Target Protein

Principal Names: ETV1; ets variant gene 1 ; HGNC:3490; DKFZp781L0674; ER81; MGC104699; MGC120533; MGC120534

Official Gene Symbol: ETV1

Accession Number(s): NP\_004947.2

Human Gene ID(s): 2115

### Immunogen

Peptide with sequence PLKIKKEPHSPCSE, from the internal region of the protein sequence according to NP\_004947.2

### Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

### Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8,000. Western Blot: Preliminary experiments in lysates in cell line A431 gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog

### Background Reference

Tomlins SA, Rhodes DR, Perner S, Dhanasekaran SM, Mehra R, Sun XW, Varambally S, Cao X, Tchinda J, Kuefer R, Lee C, Montie JE, Shah RB, Pienta KJ, Rubin MA, Chinnaiyan AM.

Recurrent fusion of TMPRSS2 and ETS transcription factor genes in prostate cancer. Science. 2005 Oct 28;310(5748):644-8.  
PMID: 16254181

