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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: EB08077 – Goat anti-ETV2 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: ETV2; ets variant gene 2 ; ER71; ETSRP71; MGC129834;
MGC129835; ets-related protein 71

Official Gene Symbol: ETV2

Accession Number(s): NP_055024.2

Human Gene ID(s): 2116

Immunogen

Peptide with sequence RCPKTNHRGPIQ, from the internal region of the protein sequence according to NP_055024.2

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 1:64,000. Western Blot: Preliminary experiments gave an approx 24kDa band in Human Testis lysates after 0.1 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 36.6kDa according to NP_055024.2. The 24kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human

Background Reference

Knebel J, De Haro L, Janknecht R.

Repression of transcription by TSGA/Jmjd1a, a novel interaction partner of the ETS protein ER71.

J Cell Biochem. 2006 Sep 1;99(1):319-29.

PMID: 16619273

