BACKGROUND
ETS family members share a highly conserved DNA binding domain and play a role in growth factor pathways regulating proliferation and differentiation. ETV3 (ETS translocation variant 3), also known as PE-1 (PU-Ets-related-1) or METS (mitogenic Ets transcriptional suppressor), belongs to the ETS family of transcription factors and functions as a transcriptional repressor. PE-1 is ubiquitously expressed and localizes to the nucleus. Its expression can be induced by IL-10 via the STAT3 pathway suggesting that PE-1 contributes to the IL-10 downstream anti-inflammatory effects. ETV3L (ETS translocation variant 3-like protein) is a 361 amino acid nuclear protein that functions as a transcriptional regulator and belongs to the ETS family. Containing one ETS DNA-binding domain, ETV3L is encoded by a gene that maps to human chromosome 1q23.1.

REFERENCES

CHROMOSOMAL LOCATION
Genetic locus: ETV3L (human) mapping to 1q23.1.

SOURCE
ETV3L (C-17) is an affinity purified goat polyclonal antibody raised against a peptide mapping near the C-terminus of ETV3L of human origin.

PRODUCT
Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-323823 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

Available as TransCruz reagent for Gel Supershift and ChIP applications, sc-323823 X, 200 µg/0.1 ml.

APPLICATIONS
ETV3L (C-17) is recommended for detection of ETV3L of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with PE-1.

Suitable for use as control antibody for ETV3L siRNA (h): sc-78726, ETV3L shRNA Plasmid (h): sc-78726-SH and ETV3L shRNA (h) Lentiviral Particles: sc-78726-V.

ETV3L (C-17) X TransCruz antibody is recommended for Gel Supershift and ChIP applications.

Molecular Weight of ETV3L: 40 kDa.

RECOMMENDED SECONDARY REAGENTS
To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

STORAGE
Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE
For research use only, not for use in diagnostic procedures.

PROTOCOLS
See our web site at www.scbt.com or our catalog for detailed protocols and support products.