

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07380 - Goat Anti-TPTE / PTEN2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TPTE, PTEN2, transmembrane phosphatase with tensin homology,

tensin, putative protein-tyrosine phosphatase

Official Symbol: TPTE

Accession Number(s): NP_954870.2; NP_954868.1; NP_954869.1

Human GenelD(s): 7179

Important Comments: This antibody is expected to recognise all reported isoforms (NP_954870.2, NP_954868.1 and NP_954869.1). It may cross-react with the almost identical TPTE2 (GeneID 93492; NP_570141.2, NP_954864.1, NP_954863.1).

Immunogen

Peptide with sequence C-ERRTDKTHSEKFQ, from the internal region of the protein sequence according to NP_954870.2; NP_954868.1; NP_954869.1.

Please note the peptide is available for sale.

Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 50-55kDa band observed in Human Testis lysates (calculated MW of 60.2kDa according to NP_954869.1). Recommended concentration: 1-3µg/ml.

IHC: Paraffin embedded Human Adrenal Gland. Recommended concentration: 2.5µg/ml.

Species Reactivity

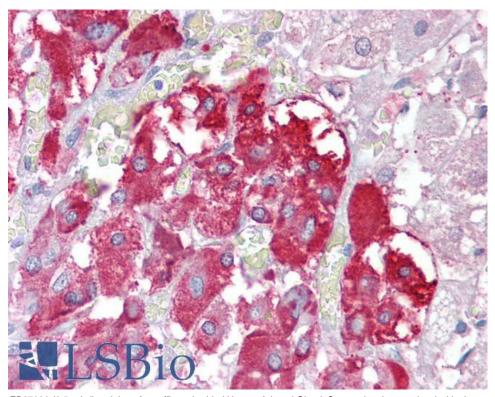
Tested: Human

Expected from sequence similarity: Human



EB07380 (1μg/ml) staining of Human Testis lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.



EB07380 (2.5 μ g/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.