

International Office

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**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 GeneID(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.

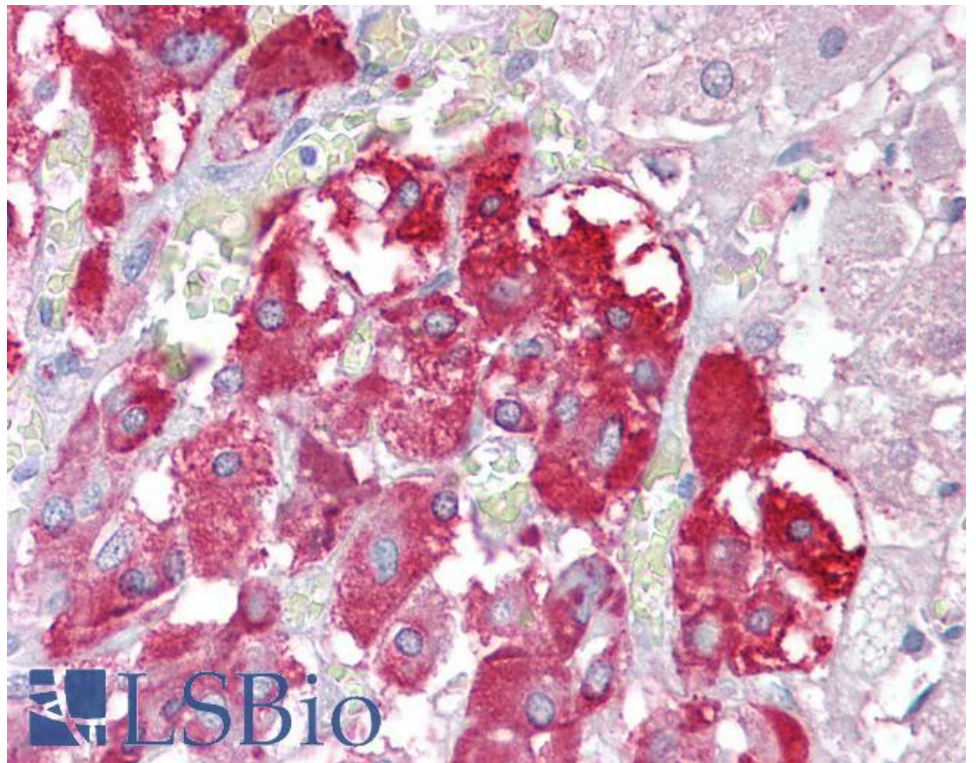
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB07380 (1 μ g/ml) staining of Human Testis lysate (35 μ g 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.