

## GOAT ANTI-THYROID PEROXIDASE ANTIBODY

**SKU:** EB11067

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

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## SPECIFICATIONS

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

**Unit Size** 100 µg

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

**Synonym /**

**Alias** TPO| TPX| thyroperoxidase| thyroid peroxidase| thyroid microsomal antigen| TDH2A| OTTHUMP00000115536|  
**Names** OTTHUMP00000115535| MSA

**Accession ID** NP\_000538.3; NP\_783650.1; NP\_783652.1; NP\_783653.1

**Blocking Peptide** EBP11067

**Immunogen** Peptide with sequence C-TRHVIQVSNEVVTDD, from the internal region of the protein sequence according to  
NP\_000538.3; NP\_783650.1; NP\_783652.1; NP\_783653.1.

**Product** This antibody is expected to recognize reported isoforms a (NP\_000538.3), b (NP\_783650.1), d (NP\_78652.1),  
**Comments** and e (NP\_783653.1).

**Peptide Sequence** C-TRHVIQVSNEVVTDD

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

**Shipping Instructions** Refrigerated

**Predicted Species** Human

**Reactive Species** Human

**Human Gene ID** 7173

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png)

**IHC Results** In paraffin embedded Human Thyroid Gland shows textured staining in the cytoplasm of epithelial cells.  
Recommended concentration, 5-10µg/ml.

**ELISA**

**Detection Limit** Antibody detection limit dilution 1:16000.

**Western Blot** Approx 110kDa band observed in Human Thyroid Gland lysates (calculated MW of 103kDa according to  
NP\_000538.3). Recommended concentration: 0.3-1µg/ml.

**Application Type** Pep-ELISA, WB, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

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