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EB11068-B - Goat Anti-thyroid peroxidase, Biotinylated Antibody



Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: TPO, thyroid peroxidase, MSA, TDH2A, TPX, thyroid microsomal antigen, thyroperoxidase

Official Symbol: TPO

Accession Number(s): NP_000538.3; NP_783650.1; NP_783652.1; NP_783653.1 Human GenelD(s): <u>7173</u>

Important Comments: This antibody is expected to recognize all reported isoforms (NP_000538.3; NP_783650.1; NP_783652.1; NP_783653.1). Reported variants represent identical protein: NP_000538.3, NP_001193673.1 Reported variants represent identical protein: NP_783650.1, NP_001193674.1

Immunogen

Peptide with sequence ELRCGKHQAVGTSPQ., from the C Terminus of the protein sequence according to NP_000538.3; NP_783650.1; NP_783652.1; NP_783653.1.

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.

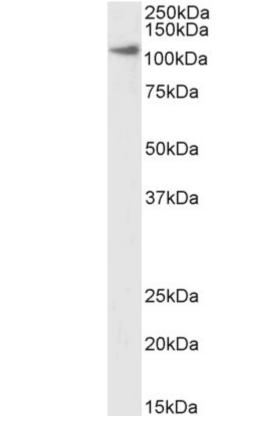
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 110kDa band observed in Human Thyroid Gland lysates (calculated MW of 103kDa according to NP_000538.3). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human



Biotinylated EB11068 (1µg/ml) staining of Human Thyroid Gland lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.