

# Goat anti-thyroid peroxidase, Biotinylated Antibody

Peptide-affinity purified goat antibody

Catalog # AF4446a

## Product Information

---

<b>Application</b>	WB, IHC, Pep-ELISA
<b>Primary Accession</b>	<a href="#">P07202</a>
<b>Other Accession</b>	<a href="#">NP_000538.3</a> , <a href="#">NP_783650.1</a> , <a href="#">NP_783652.1</a> , <a href="#">NP_783653.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	TPO
<b>Calculated MW</b>	102963

## Additional Information

---

<b>Gene ID</b>	7173
<b>Other Names</b>	TPO; thyroid peroxidase; MSA; TDH2A; TPX; thyroid microsomal antigen; thyroperoxidase
<b>Dilution</b>	WB~~1:1000 IHC~~1:100~500 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Immunogen</b>	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_00
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Goat anti-thyroid peroxidase, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	TPO ( <a href="#">HGNC:12015</a> )
<b>Function</b>	Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T(3) and T(4).  Membrane; Single-pass type I membrane protein.

## Cellular Location

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.