

Goat anti-thyroid peroxidase, Biotinylated Antibody

Peptide-affinity purified goat antibody

Catalog # AF4446a

Product Information

Application	WB, IHC, Pep-ELISA
Primary Accession	P07202
Other Accession	NP_000538.3 , NP_783650.1 , NP_783652.1 , NP_783653.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	TPO
Calculated MW	102963

Additional Information

Gene ID	7173
Other Names	TPO; thyroid peroxidase; MSA; TDH2A; TPX; thyroid microsomal antigen; thyroperoxidase
Dilution	WB~~1:1000 IHC~~1:100~500 Pep-ELISA~~N/A
Format	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.
Immunogen	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
Storage	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.
Precautions	Goat anti-thyroid peroxidase, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TPO (HGNC:12015)
Function	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'.