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Goat Anti-Thyroid peroxidase Antibody (internal region), Biotinylated

Catalog # AF4292a

Product Information

Application	WB, E
Primary Accession	P07202
Other Accession	NP_000538.3, NP_783650.1, NP_783652.1, NP_783653.1, 7173
Reactivity	Human
Predicted	Human
Host	Goat
Isotype	IgG
Calculated MW	102963

Additional Information

Gene ID	7173
Other Names	Thyroid peroxidase, TPO, 1.11.1.8, TPO
Dilution	WB~~1:1000 E~~N/A
Immunogen	This antibody is expected to recognize reported isoforms a (NP_000538.3), b (NP_783650.1), d (NP_78652.1), and e (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
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 Antibody (internal region), Biotinylated 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).
Cellular Location	Membrane; Single-pass type I membrane protein.

Images



Biotinylated AF4292a (0.3 µg/ml) staining of Human Thyroid Gland lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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