

**Goat Anti-Thyroid peroxidase Antibody (internal region), Biotinylated**  
Catalog # AF4292a

**Specification**

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

Application	WB
Primary Accession	<a href="#">P07202</a>
Other Accession	<a href="#">NP_000538.3</a> , <a href="#">NP_783650.1</a> , <a href="#">NP_783652.1</a> , <a href="#">NP_783653.1</a> , <a href="#">7173</a>
Reactivity	Human
Predicted	Human
Host	Goat
Isotype	IgG
Calculated MW	102963

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

**Gene ID** [7173](#)

**Other Names**

Thyroid peroxidase, TPO, 1.11.1.8, TPO

**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.

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

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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



Biotinylated AF4292a (0.3  $\mu\text{g/ml}$ ) staining of Human Thyroid Gland lysate (35  $\mu\text{g}$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.