

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

Catalog # AF4292a

## Product Information

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|                   |  |
|-------------------|--|
| Application       | WB, E  |
| 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   |

## Additional Information

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|             |   |
|-------------|---|
| 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.   |

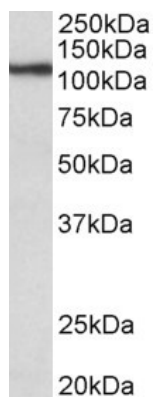
## Protein Information

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|                   |   |
|-------------------|---|
| Name              | TPO ( <a href="#">HGNC:12015</a> )  |
| 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

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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'.