

**Anti-TPO Monoclonal Antibody**  
Catalog # ABO14755**Specification****Anti-TPO Monoclonal Antibody - Product Information**

Application	WB, IHC, IP
Primary Accession	<a href="#">P07202</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-TPO Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human.

**Anti-TPO Monoclonal Antibody - Additional Information**

**Gene ID** 7173

**Other Names**

Thyroid peroxidase, TPO, 1.11.1.8, TPO (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=12015" target="\_blank">HGNC:12015</a>)

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>IP 1:40

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human TPO iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T (3) and T (4).

**Purification**

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-TPO Monoclonal Antibody - 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

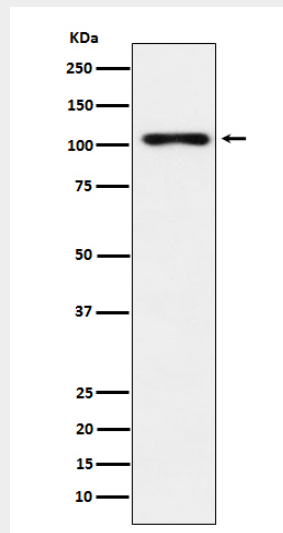
Membrane; Single-pass type I membrane protein.

### Anti-TPO Monoclonal Antibody - 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](#)

### Anti-TPO Monoclonal Antibody - Images



Western blot analysis of TPO expression in Human thyroid lysate.