

**TPO**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80232**

## Specification

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### TPO - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P07202</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	102963

### TPO - Additional info

Gene ID	7173
Gene Name	TPO ( <a href="#">HGNC:12015</a> )
<b>Other Names</b>	
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>)	

### Dilution

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

### Storage

**This product is stored at 2-8 °C, please use it within the expiration date.**

### Precautions

**TPO Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### TPO - 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

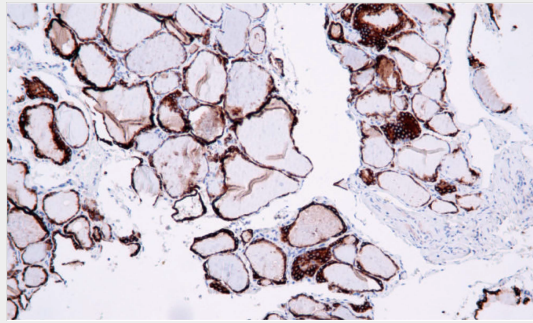
### TPO - Protocols

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

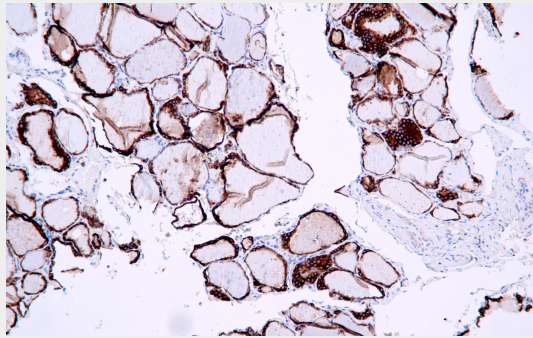
- [Western Blot](#)
- [Blocking Peptides](#)

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

#### TPO - Images



Papillary thyroid carcinoma,



Immunohistochemical analysis of paraffin-embedded prostatic cancer tissue using AD80295 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.