DATASHEET

# TPO Rabbit Monoclonal Antibody(ARB564)

CAT. NO. ARB6856

## KEY FEATURES

| | | | |
|---|---|---|---|
| **Target** | TPO | **Clonality** | Monoclonal |
| **Clone ID** | ARB564 | **Applications** | IHC |
| **Source / Host** | Rabbit | **Dilution** | 1:100-1:200 |
| **Reactivity** | Human | **Storage** | at-20°C |

## BACKGROUND

Thyroid peroxidase (TPO) is a thyroid-specific enzyme involved in thyroid hormone synthesis. TPO can be found in normal thyroid and thyroid carcinoma of papillary and follicular type. Studies indicate that TPO is a useful marker for the differentiation of benign and malignant thyroid neoplasms.

## APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|---|---|
| **IHC** | 1:100 - 1:200 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

## PRODUCT OVERVIEW

| | |
|---|---|
| **Predicted Molecular Wt** | 103kDa |
| **Purity** | ProA affinity purified IgG |
| **Subcellular location** | Cytoplasm |
| **Swissprot ID** | P07202 |
| **Immunogen** | Synthetic peptide corresponding to Human TPO protein was used as an immunogen. The exact sequence is proprietary |
| **Storage Buffer** | 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide |
| **Recommended method** | Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes |
| **Alternative Names** | Thyroid peroxidase |
| **Gene Symbol** | TPO |
| **Entrez Gene** | 7173 |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

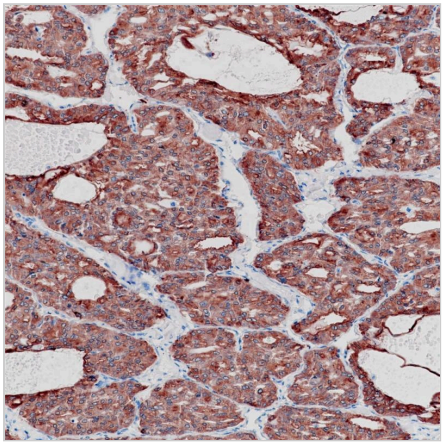
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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## DATA



Immunohistochemical staining of human thyroid carcinoma tissue using TPO Rabbit Monoclonal Antibody(ARB564).

## STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com