



Rabbit Anti-Human TPO Monoclonal Antibody, clone CQ7182 (CABT-Z238R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to TPO residues within aa833-933 of TPO was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7182
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	103 kDa
Cellular Localization	Cytoplasm
Positive Control	Thyroid
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Thyroid peroxidase (TPO) is present as a dimer on the apical surface of thyroid follicular cells, and it is the primary enzyme involved in thyroid hormone synthesis. TPO can be found in normal thyroid and thyroid carcinoma of papillary and follicular type, and it is a useful marker for the differentiation of benign and malignant thyroid neoplasms.
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Keywords	TPO; thyroid peroxidase; MSA; TPX; TDH2A; thyroperoxidase; thyroid microsomal antigen
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GENE INFORMATION

Gene Name	TPO
Entrez Gene ID	7173
UniProt ID	P07202