



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	<p>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.</p> <p>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.</p>
Keywords	TPO; thyroid peroxidase; MSA; TPX; TDH2A; thyroperoxidase; thyroid microsomal antigen

GENE INFORMATION

Gene Name	TPO
Entrez Gene ID	7173
UniProt ID	P07202