

TPO Antibody

Catalog No: #35966

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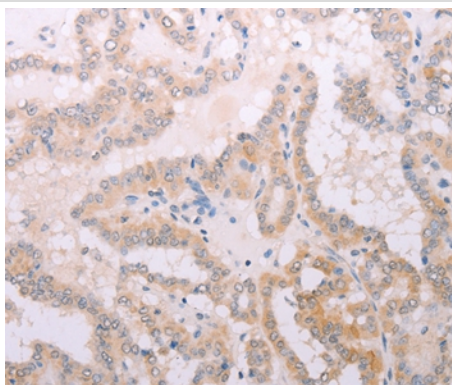
Description

Product Name	TPO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TPO protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	TPO
Other Names	MSA; TPX; TDH2A
Accession No.	Swiss-Prot#: P07202NCBI Gene ID: 7173Gene Accssion: BC063107
Uniprot	P07202
GeneID	7173;
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #35966 at dilution 1/50.

Background

This gene encodes a membrane-bound glycoprotein. The encoded protein acts as an enzyme and plays a central role in thyroid gland function. The protein functions in the iodination of tyrosine residues in thyroglobulin and phenoxy-ester formation between pairs of iodinated tyrosines to generate the thyroid hormones, thyroxine and triiodothyronine. Mutations in this gene are associated with several disorders of thyroid hormonogenesis, including congenital hypothyroidism, congenital goiter, and thyroid hormone organification defect IIA. Multiple transcript variants encoding distinct

isoforms have been identified for this gene, but the full-length nature of some variants has not been determined.

Note: This product is for in vitro research use only