

Rabbit anti-Human TPO Polyclonal Antibody | anti-TPO antibody

TPO Polyclonal Antibody

CATALOG # AAA167543	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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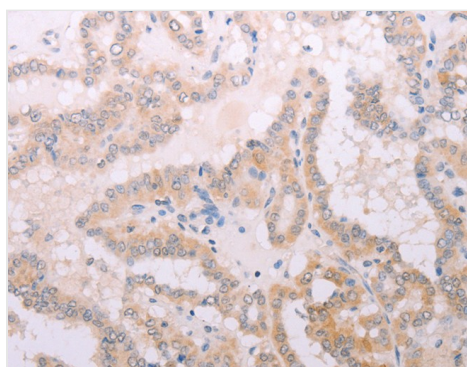
PRODUCT SYNONYMS

TPO; Polyclonal Antibody; TPO Polyclonal Antibody; MSA; TPX; TDH2A; anti-TPO antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide, 50% glycerol, pH7.4
Concentration	2mg/mL (varies by lot)
Sequence Length	876
Applicable Applications for anti-TPO antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human TPO
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TPO Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-TPO antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	332078492
NCBI GeneID	7173
NCBI Accession #	NP_001193674.1
NCBI GenBank Nucleotide #	NM_001206745.1
UniProt Accession #	P07202; P09934; P09935; Q8IUL0; Q8NF94; Q8NF95; Q8NF96; Q8NF97; Q8TCI9
NCBI Official Full Name	thyroid peroxidase isoform b
NCBI Official Synonym Full Names	thyroid peroxidase
NCBI Official Symbol	TPO
NCBI Official Synonym Symbols	MSA; TPX; TDH2A
NCBI Protein Information	thyroid peroxidase; thyroid microsomal antigen; thyroperoxidase
UniProt Protein Name	Thyroid peroxidase
UniProt Gene Name	TPO
UniProt Synonym Gene Names	TPO
UniProt Entry Name	PERT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tpo-antibody-immunohistochemistry-elisa/167543>