



Swiss-Prot No.:	P07202
Storage/Stability:	Store at -20 °C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human TPO (NP_783653.1).
Purification:	Affinity purification
Reactivity:	Human
Other Names:	—
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.
Gene ID:	7173
Source:	Rabbit
Antibody type:	Polyclonal Antibodies

Isotype:	IgG
Molecular Weight:	67kDa/84kDa/92kDa/96kDa/98kDa/102kDa
Recommended Dilutions:	WB 1:500 - 1:2000