

CAB19547

Product Information

Product SKU:	CAB19547	Gene ID:	7173	Size:	20uL, 100uL
Clone No:	ARC2170	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	-	Conjugate:	Unconjugated
Calculated MW:	103kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: IHC-P,1:50 - 1:200

Synonyms: MSA; TPX; TDH2A; Thyroid Peroxidase

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Thyroid Peroxidase (P07202).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.