

CAB3407

Product Information

Product SKU:	CAB3407	Gene ID:	7038	Size:	20uL, 100uL
Clone No:	ARC1971	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	-	Conjugate:	Unconjugated
Calculated MW:	305kDa	Isotype:	IgG

Immunogen Information

Background: Thyroglobulin (Tg) is a glycoprotein homodimer produced predominantly by the thyroid gland. It acts as a substrate for the synthesis of thyroxine and triiodothyronine as well as the storage of the inactive forms of thyroid hormone and iodine. Thyroglobulin is secreted from the endoplasmic reticulum to its site of iodination, and subsequent thyroxine biosynthesis, in the follicular lumen. Mutations in this gene cause thyroid dysmorphogenesis, manifested as goiter, and are associated with moderate to severe congenital hypothyroidism. Polymorphisms in this gene are associated with susceptibility to autoimmune thyroid diseases (AITD) such as Graves disease and Hashimoto thyroiditis.

Recommended Dilution: IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

Synonyms: TGN; AITD3; Thyroglobulin

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1000-1100 of human Thyroglobulin (P01266).

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