

Thyroglobulin Rabbit pAb

db20548

Package : 20µL 50µL 100µL

Product Name : Thyroglobulin Rabbit pAb**Cat.No.:** db20548**Synonyms** : TGN; AITD3**Application** : WB, IHC**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, Nov 2009]

Immunogen

A synthetic peptide of human Thyroglobulin

Gene ID

7038

Swiss Prot

P01266

Synonyms

TGN; AITD3

Reactivity

Human

Application

WB, IHC

Recommended dilution

WB: 1:2000-1:10000

IHC: 1:50

Calculated MW

305 kDa

Observed MW

305 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.