

## Thyroid Peroxidase/TPO Rabbit pAb

db20540

Package : 20µL 50µL 100µL

**Product Name** : Thyroid Peroxidase/TPO Rabbit pAb**Cat.No.:** db20540**Synonyms** : MSA; TPX; TDH2A**Application** : WB, IHC, IP**Reactivity** : Human**Host species** : Rabbit**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. [provided by RefSeq, May 2011]

**Immunogen**

A synthetic peptide of human Thyroid Peroxidase/TPO

**Gene ID**

7173

**Swiss Prot**

P07202

**Synonyms**

MSA; TPX; TDH2A

**Reactivity**

Human

**Application**

WB, IHC, IP

**Recommended dilution**

WB: 1:1000

IHC: 1:50

IP: 1:20

**Calculated MW**

103 kDa

**Observed MW**

103 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.