



Anti-Thyroid Peroxidase monoclonal antibody, clone FQS6480 (DCABH-2677)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Thyroid Peroxidase
Antigen Description	Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T(3) and T(4).
Target	Thyroid Peroxidase
Immunogen	Synthetic peptide corresponding to residues in the extracellular domain of Human Thyroid Peroxidase (UniProt P07202).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS6480
Conjugate	Unconjugated
Applications	WB, IP
Positive Control	Human thyroid lysate.
Format	Liquid
Size	100 µl
Buffer	pH: 7.40; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Preservative	0.01% Sodium Azide

Storage

Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	TPO thyroid peroxidase [Homo sapiens]
Official Symbol	TPO
Synonyms	TPO; thyroid peroxidase; TPX; thyroperoxidase; thyroid microsomal antigen; MSA; TDH2A;
Entrez Gene ID	7173
Protein Refseq	NP_000538
UniProt ID	P07202
Chromosome Location	2p25
Pathway	Amine-derived hormones, organism-specific biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem;
Function	calcium ion binding; heme binding; iodide peroxidase activity; oxidoreductase activity; peroxidase activity;