

Anti-Thyroid Peroxidase polyclonal antibody (DPABH-22989)

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

PRODUCT INFORMATION

Antigen Description	Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T(3) and T(4).
Specificity	DPABH-22989 is expected to recognize reported isoforms a (NP_000538.3) and e (NP_783653.1).
Target	Thyroid Peroxidase
Immunogen	Synthetic peptide: C-TRHVIQVSNEVVTDD with a Cysteine residue linker, corresponding to internal sequence amino acids 209-223 of Human Thyroid Peroxidase (NP_000538.3; NP_783650.1; NP_783652.1; NP_783653.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Procedure	Cardiac markers Antibodies
Format	Liquid
Size	200 µl
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA

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Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	TPO thyroid peroxidase [Homo sapiens]
Official Symbol	TPO
Synonyms	TPO; thyroid peroxidase; MSA; TPX; TDH2A; thyroperoxidase; thyroid microsomal antigen;
Entrez Gene ID	7173
Protein Refseq	NP_000538.3
UniProt ID	P07202
Pathway	Amine-derived hormones; Autoimmune thyroid disease; Cytokine-cytokine receptor interaction; Hematopoietic cell lineage
Function	calcium ion binding; heme binding; iodide peroxidase activity; peroxidase activity

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