

Goat thyroid peroxidase Polyclonal Antibody | anti-TPO antibody

Goat anti-thyroid peroxidase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61615	Goat	Tested: Human; Expected from sequence similarity: Human	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

thyroid peroxidase; Polyclonal Antibody; Goat anti-thyroid peroxidase Antibody; Goat Anti-thyroid peroxidase Antibody; TPO; MSA; TDH2A; TPX; OTTHUMP00000115535; OTTHUMP00000115536; thyroid microsomal antigen; thyroperoxidase; MSA antibody; OTTHUMP00000115535 antibody; OTTHUMP00000115536 antibody; TDH2A antibody; thyroid microsomal antigen antibody; thyroid peroxidase antibody; thyroperoxidase antibody; TPX antibody; TPO antibody; Thyroid peroxidase; anti-TPO antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	TRHVIQVSNE VTTDD
Sequence Length	933
Applicable Applications for anti-TPO antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-TRHVIQVSNEVTTDD, from the internal region of the protein sequence according to NP_000538.3; NP_783650.1; NP_783652.1; NP_783653.1.
Epitope	Internal region
Note	This antibody is expected to recognize reported isoforms a (NP_000538.3) and e (NP_783653.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

5ug/ml staining of paraffin embedded Human Thyroid Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

0.3ug/ml staining of Human Thyroid Gland lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28558982
NCBI GeneID	7173

NCBI Accession #	NP_000538.3; NP_783650.1; NP_783652.1; NP_783653.1
NCBI GenBank Nucleotide #	NM_000547.5
Molecular Weight	92,063 Da
NCBI Official Full Name	thyroid peroxidase isoform a
NCBI Official Synonym Full Names	thyroid peroxidase
NCBI Official Symbol	TPO
NCBI Official Synonym Symbols	MSA; TPX; TDH2A
NCBI Protein Information	thyroid peroxidase
UniProt Protein Name	Thyroid peroxidase
UniProt Gene Name	TPO
UniProt Synonym Gene Names	TPO
UniProt Entry Name	PERT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/thyroid-peroxidase-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61615>