

Rabbit anti-Rat Thyroid peroxidase Polyclonal Antibody | anti-TPO antibody

Thyroid peroxidase Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA291280	Rabbit	Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot

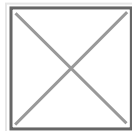
PRODUCT SYNONYMS

Thyroid peroxidase; Polyclonal Antibody; Thyroid peroxidase Polyclonal Antibody; TPO; 1.11.1.8; anti-TPO antibody

PRODUCT SPECIFICATIONS

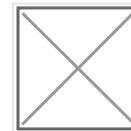
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Applicable Applications for anti-TPO antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Sample: Lane 1: MCF-7 (Human) Cell Lysate at 30 ug Lane 2: K562 (Human) Cell Lysate at 30 ug Lane 3: A673 (Human) Cell Lysate at 30 ug Lane 4: A431 (Human) Cell Lysate at 30 ug
 Primary: Anti- Thyroid peroxidase (bs-10406R) at 1/1000 dilution
 Anti-beta-Actin (bs-0061R) at 1/2000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 105-110 kDa
 Observed band size: 105 kDa



IHC (Immunohistochemistry)

Tissue/cell: Rat brain; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37 degree C for 20 min; Incubation: Anti-Thyroid peroxidase Polyclonal Antibody, Unconjugated (bs-10406R) 1:200, overnight at 4 degree C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining

NCBI AND UNIPROT INFORMATION

NCBI GI #	28558982
NCBI GeneID	7173
NCBI Accession #	NP_000538.3
NCBI GenBank Nucleotide #	NM_000547.5
UniProt Accession #	P07202; P09934; P09935; Q8IU00; Q8NF94; Q8NF95; Q8NF96; Q8NF97; Q8TC19
Molecular Weight	102,963 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; thyroperoxidase; thyroid microsomal antigen
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-immunocytochemistry-immunofluorescence-immunohistochemistry-immunohistochemistry-western-blot-elisa/291280>