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Anti-Thyroid Peroxidase Antibody

Catalog # AP54139

Product Information

Application	IHC
Primary Accession	P07202
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	102963

Additional Information

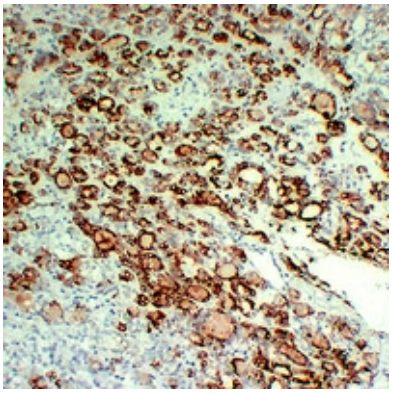
Gene ID	7173
Other Names	Thyroid peroxidase; TPO
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Thyroid Peroxidase. The exact sequence is proprietary.
Dilution	IHC~~1/100 - 1/300
Format	Mouse IgG2b. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

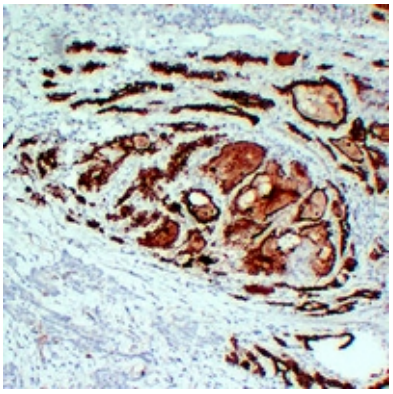
Name	TPO (HGNC:12015)
Function	Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T(3) and T(4).
Cellular Location	Membrane; Single-pass type I membrane protein.

Images

Immunohistochemical analysis of Thyroid Peroxidase staining in human follicular thyroid carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and



detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of Thyroid Peroxidase staining in human papillary thyroid carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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