

Anti-TPO Monoclonal Antibody

Catalog Number: M00320

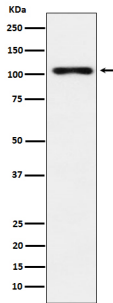
Overview

Product Name	Anti-TPO Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-TPO Monoclonal Antibody catalog # M00320. Tested in WB, IHC, IP applications. This antibody reacts with Human.
Application	IP, IHC, WB
Clonality	Monoclonal AFFI-20
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P07202

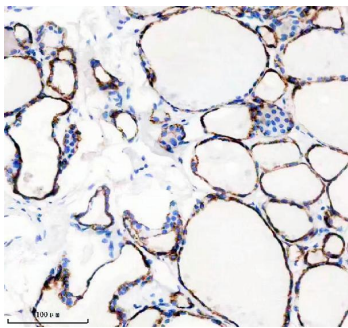
Technical Details

Immunogen	A synthesized peptide derived from human TPO iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T (3) and T (4) .
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 IP 1:40

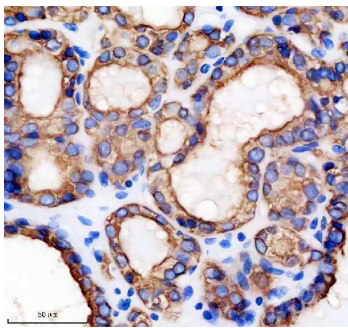
Anti-TPO Monoclonal Antibody (M00320) Images



Western blot analysis of TPO expression in Human thyroid lysate.



IHC analysis of TPO using anti-TPO antibody (M00320). TPO was detected in a paraffin-embedded section of human thyroid tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-TPO Antibody (M00320) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of TPO using anti-TPO antibody (M00320). TPO was detected in a paraffin-embedded section of human thyroid cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-TPO Antibody (M00320) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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