

Anti-Thyroid Peroxidase/TPO antibody ab203057

★★★★★ [2 Abreviews](#) [3 References](#)

概述

产品名称	Anti-Thyroid Peroxidase/TPO抗体
描述	兔多克隆抗体to Thyroid Peroxidase/TPO
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide within Mouse Thyroid Peroxidase/TPO aa 350-450 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: P35419

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常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab203057于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/100 - 1/1000. Predicted molecular weight: 101 kDa.

靶标

功能	Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T(3) and T(4).
通路	Hormone biosynthesis; thyroid hormone biosynthesis.
疾病相关	Note=An alternative splicing in the thyroperoxidase mRNA can cause Graves' disease. Defects in TPO are the cause of congenital hypothyroidism due to dysmorphogenesis type 2A (CHDH2A) [MIM:274500]; also called genetic defect in thyroid hormonogenesis 2A or thyroid hormone organification defect II. CHDH2A is due to defective conversion of accumulated iodide to organically bound iodine. The iodide organification defect can be partial or complete.
序列相似性	Belongs to the peroxidase family. XPO subfamily. Contains 1 EGF-like domain. Contains 1 Sushi (CCP/SCR) domain.
翻译后修饰	Glycosylated. Heme is covalently bound through a H(2)O(2)-dependent autocatalytic process. Heme insertion is important for the delivery of protein at the cell surface. Cleaved in its N-terminal part.
细胞定位	Membrane and Cell surface.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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