

Anti-Thyroglobulin antibody [EPR3615] ab119988

重组 RabMAb

1 图像

概述

产品名称	Anti-Thyroglobulin抗体[EPR3615]
描述	兔单克隆抗体[EPR3615] to Thyroglobulin
宿主	Rabbit
经测试应用	适用于: WB, IP 不适用于: Flow Cyt, ICC or IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human Thyroglobulin (C terminal). The exact sequence is proprietary.
阳性对照	Human thyroid lysate.
常规说明	

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR3615

同种型

IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab119988 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		1/500000 - 1/1e+006. Detects a band of approximately 300, 294 kDa (predicted molecular weight: 305 kDa).
IP		1/50.

应用说明

Is unsuitable for Flow Cyt, ICC or IHC-P.

靶标

功能

Precursor of the iodinated thyroid hormones thyroxine (T4) and triiodothyronine (T3).

组织特异性

Thyroid gland specific.

疾病相关

Defects in TG are the cause of congenital hypothyroidism due to dysmorphogenesis type 3 (CHDH3) [MIM:274700]. A disorder due to thyroid dysmorphogenesis, causing large goiters of elastic and soft consistency in the majority of patients. Although the degree of thyroid dysfunction varies considerably among patients with defective thyroglobulin synthesis, patients usually have a relatively high serum free triiodothyronine (T3) concentration with disproportionately low free tetraiodothyronine (T4) level. The maintenance of relatively high free T3 levels prevents profound tissue hypothyroidism except in brain and pituitary, which are dependent on T4 supply, resulting in neurologic and intellectual defects in some cases.

Variations in TG are associated with susceptibility to autoimmune thyroid disease type 3 (AITD3) [MIM:608175]. AITDs including Graves disease (GD) and Hashimoto thyroiditis (HT), are among the most common human autoimmune diseases. They are complex diseases, which are caused by an interaction between susceptibility genes and nongenetic factors, such as infection.

序列相似性

Belongs to the type-B carboxylesterase/lipase family.

Contains 11 thyroglobulin type-1 domains.

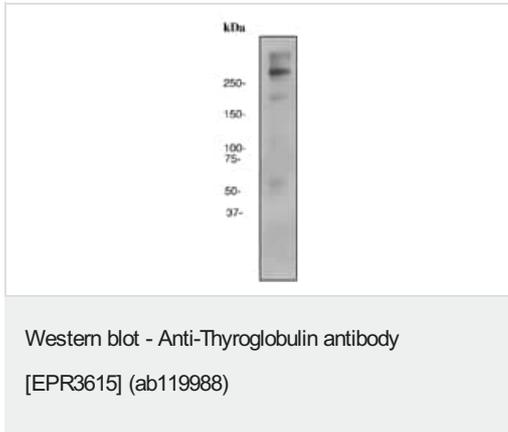
翻译后修饰

Sulfated tyrosines are desulfated during iodination.

细胞定位

Secreted.

图片



Anti-Thyroglobulin antibody [EPR3615] (ab119988) at 1/500000 dilution + Human thyroid lysate at 10 μ g

Secondary

Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 305 kDa

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

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