

产品名称: Thyroglobulin (4G11) Rabbit Monoclonal Antibody
产品货号: AMRe18911



产品概述 (Summary)

产品名称 (Production Name)	Thyroglobulin (4G11) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TG
别名 (Alternative Names)	AITD3; hTG; TDH3; Tg; TGN; Thyroglobulin;
基因 ID (Gene ID)	7038.0
蛋白 ID (SwissProt ID)	P01266.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:20000,IHC 1:200-1:500
蛋白分子量 (Molecular Weight)	305kDa

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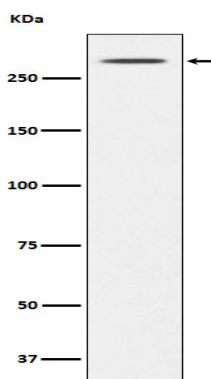
研究背景 (Background)

Precursor of the iodinated thyroid hormones thyroxine (T4) and triiodothyronine (T3). Acts as a substrate for the production of iodinated thyroid hormones thyroxine (T4) and triiodothyronine (T3) (PubMed:[32025030](http://www.uniprot.org/citations/32025030), PubMed:[17532758](http://www.uniprot.org/citations/17532758)). The synthesis of T3 and T4 involves iodination of selected tyrosine residues of TG/thyroglobulin followed by their oxidative coupling in the thyroid follicle lumen (PubMed:[32025030](http://www.uniprot.org/citations/32025030)). Following TG re-internalization and lysosomal-mediated proteolysis, T3 and T4 are released from the polypeptide backbone leading to their secretion into the bloodstream (PubMed:[32025030](http://www.uniprot.org/citations/32025030)). One dimer produces 7 thyroid hormone molecules (PubMed:[32025030](http://www.uniprot.org/citations/32025030)).

研究领域 (Research Area)

Autoimmune thyroid disease;

图片 (Image Data)



Western blot analysis of Thyroglobulin expression in Mouse thyroid lysate.

注意事项 (Note)

For research use only .