

产品名称: Thyroglobulin (18M5) Rabbit Monoclonal Antibody
产品货号: AMRe18910



产品概述 (Summary)

产品名称 (Production Name)	Thyroglobulin (18M5) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

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 1:2000-1:10000,IHC 1:200-1:500,ICC/IF 1:20-1:50,FC 1:50-1:100
蛋白分子量 (Molecular Weight)	305kDa

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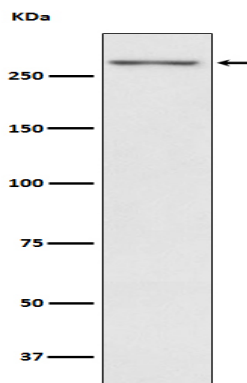
研究背景 (Background)

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 Human thyroid lysate.

注意事项 (Note)

For research use only .