

Product datasheet

Anti-Thyroid Peroxidase/TPO antibody [6H7] ab10246

1 References

製品の概要

製品名	Anti-Thyroid Peroxidase/TPO antibody [6H7]
製品の詳細	Mouse monoclonal [6H7] to Thyroid Peroxidase/TPO
由来種	Mouse
特異性	This antibody recognizes specifically human thyroid peroxidase.
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Recombinant full length protein (Human).
特記事項	Concentration varies from lot to lot and can be provided on request.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.4
精製度	Protein A purified
特記事項(精製)	Purity tested by electrophoresis.
ポリ/モノ	モノクローナル
クローン名	6H7
ミエローマ	Sp2/0
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab10246** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
AP		Use at an assay dependent dilution.

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent dilution. Predicted molecular weight: 103 kDa.

ターゲット情報

機能	Iodination and coupling of the hormonogenic tyrosines in thyroglobulin to yield the thyroid hormones T(3) and T(4).
パスウェイ	Hormone biosynthesis; thyroid hormone biosynthesis.
関連疾患	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.
配列類似性	Belongs to the peroxidase family. XPO subfamily. Contains 1 EGF-like domain. Contains 1 Sushi (CCP/SCR) domain.
翻訳後修飾	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.
細胞内局在	Membrane and Cell surface.

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