


Product datasheet

Anti-NeuroD1 antibody ab79478

画像数 1

製品の概要

製品名	Anti-NeuroD1 antibody
製品の詳細	Rabbit polyclonal to NeuroD1
特異性	ab79478 detects endogenous levels of total NeuroD1 protein.
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic non phosphopeptide derived from human NeuroD1 around the phosphorylation site of serine 272 (P-L-S <sup>P</sup> -P-P-)
ポジティブ・コントロール	HeLa cell extracts.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
特記事項 (精製)	ab79478 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab79478** in the following tested applications.

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

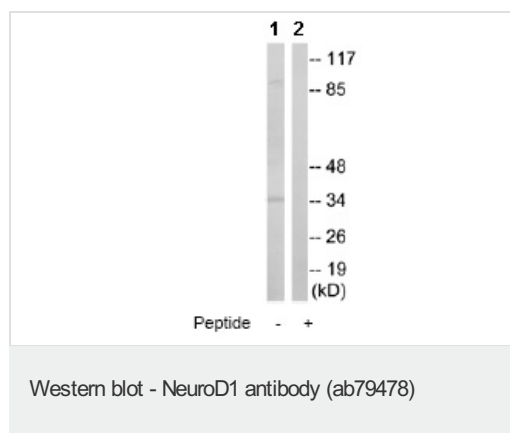
アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 40 kDa.

アプリケーション	Abreviews	特記事項
ELISA		1/5000.

## ターゲット情報

機能	Differentiation factor required for dendrite morphogenesis and maintenance in the cerebellar cortex. Transcriptional activator. Binds to the insulin gene E-box.
関連疾患	Defects in NEUROD1 are the cause of maturity-onset diabetes of the young type 6 (MODY6) [MIM:606394]. MODY is a form of diabetes that is characterized by an autosomal dominant mode of inheritance, onset in childhood or early adulthood (usually before 25 years of age), a primary defect in insulin secretion and frequent insulin-independence at the beginning of the disease.
配列類似性	Contains 1 basic helix-loop-helix (bHLH) domain.
翻訳後修飾	Phosphorylated. In islet cells, phosphorylated on Ser-274 upon glucose stimulation; which may be required for nuclear localization. In activated neurons, phosphorylated on Ser-335; which promotes dendritic growth.
細胞内局在	Cytoplasm. Nucleus.

## 画像



**All lanes** : Anti-NeuroD1 antibody (ab79478)  
at 1/500 dilution

**Lane 1** : HeLa cell extracts

**Lane 2** : HeLa cell extracts with immunizing  
peptide at 10 µg

Lysates/proteins at 10 µg per lane.

**Predicted band size** : 40 kDa

**Observed band size** : 35 kDa

**Additional bands at** : 90 kDa. We are  
unsure as to the identity of these extra bands.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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