


## Product datasheet

# Anti-PCDHGB1 antibody ab81072

### 画像数 1

#### 製品の概要

製品名	Anti-PCDHGB1 antibody
製品の詳細	Rabbit polyclonal to PCDHGB1
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, Rabbit, Guinea pig, Cow, Dog, Chimpanzee 
免疫原	Synthetic peptide, corresponding to N terminal amino acids 181-230 of Human PCDHGB1
ポジティブ・コントロール	Fetal lung lysate.

#### 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: None Constituents: 2% Sucrose, PBS
精製度	Immunogen affinity purified
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 **ab81072** 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		Use a concentration of 1 µg/ml. Predicted molecular weight: 85 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		Use at an assay dependent concentration. Titre using peptide based assay 1/62500.

## ターゲット情報

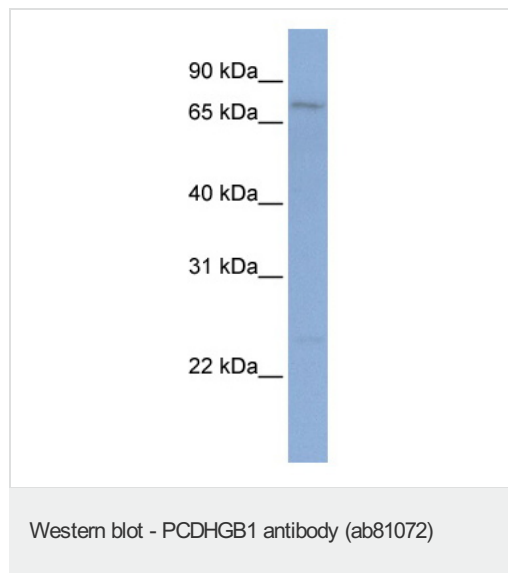
### 関連性

The PCDHGB1 gene is a member of the protocadherin gamma gene cluster, one of three related clusters tandemly linked on chromosome five. These gene clusters have an immunoglobulin like organization, suggesting that a novel mechanism may be involved in their regulation and expression. The gamma gene cluster includes 22 genes divided into 3 subfamilies. Subfamily A contains 12 genes, subfamily B contains 7 genes and 2 pseudogenes, and the more distantly related subfamily C contains 3 genes. The tandem array of 22 large, variable region exons are followed by a constant region, containing 3 exons shared by all genes in the cluster. Each variable region exon encodes the extracellular region, which includes 6 cadherin ectodomains and a transmembrane region. The constant region exons encode the common cytoplasmic region. These neural cadherin like cell adhesion proteins most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been described for the gamma cluster genes.

### 細胞内局在

Cell membrane; Single-pass type I membrane protein.

## 画像



Anti-PCDHGB1 antibody (ab81072) at 1  $\mu$ g/ml (in 5% skim milk / PBS buffer) + fetal lung lysate at 10  $\mu$ g

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size** : 85 kDa

**Observed band size** : 75 kDa

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

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