
PCDHB12 Rabbit pAb

Catalog Number: bs-11153R

Target Protein: PCDHB12

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 84 kDa

Subcellular: Cell membrane

Locations:

Entrez Gene: 56124

Swiss Prot: Q9Y5F1.1

Source: KLH conjugated synthetic peptide derived from human PCDHB12: 121-220/795.

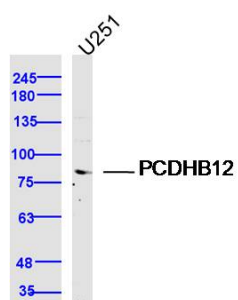
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

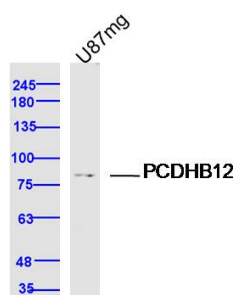
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Protocadherins are a large family of cadherin-like cell adhesion proteins that are involved in the establishment and maintenance of neuronal connections in the brain. There are three protocadherin gene clusters, designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. PCDHB12 (Protocadherin beta 12) is a 795 amino acid protein that is one of 16 proteins in the protocadherin beta cluster. Unlike the alpha and gamma gene clusters whose genes are spliced to downstream constant region exons during transcription, members of the beta cluster (such as PCDHB12) do not use constant-region exons to produce mRNAs. As a result, each protocadherin beta gene encodes the transmembrane, extracellular and short cytoplasmic domains of the protein. Localized to the cell membrane, PCDHB12 is a single-pass type I membrane protein that contains six cadherin domains. PCDHB12 may participate in the establishment and maintenance of specific neuronal connections in the brain.

VALIDATION IMAGES



Sample: U251 Cell (Human) Lysate at 40 ug Primary: Anti- PCDHB12 (bs-11153R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 84 kD Observed band size: 84 kD



Sample: U87MG Cell (Human) Lysate at 40 ug Primary: Anti- PCDHB12 (bs-11153R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 84 kD Observed band size: 84 kD