

Datasheet for ABIN1407518

anti-Protocadherin gamma Subfamily C, 3 (PCDHGC3) (AA 251-350) antibody (HRP)



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Overview

Quantity:	100 µL
Target:	Protocadherin gamma Subfamily C, 3 (PCDHGC3)
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCDHGC3/PCDH2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Protocadherin gamma Subfamily C, 3 (PCDHGC3)
Alternative Name:	PCDHGC3/PCDH2 (PCDHGC3 Products)
Background:	Synonyms: Cadherin like 2, PC 43, PC43, PCDH 2, PCDH gamma C3, PCDH2, PCDHGC 3,

Target Details

Protocadherin 2, Protocadherin 43, Protocadherin gamma C3, Protocadherin gamma subfamily C 3, Protocadherin43, PCDGK_HUMAN.

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. PCDH2 (protocadherin-2), also known as PCDHGC3 (protocadherin gamma subfamily C, 3) or PC43, is a 934 amino acid single-pass type I membrane protein that contains six cadherin domains and belongs to the protocadherin gamma family. Functioning as a calcium-dependent cell-adhesion protein, PCDH2 is thought to be involved in the establishment and maintenance of neuronal connections within the brain. Multiple isoforms of PCDH2 exist due to alternative splicing events.

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months