

PCDH17 Antibody FITC Conjugated

Catalog No: #C00956F

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	PCDH17 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC,IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human PCDH17
Conjugates	FITC
Target Name	PCDH17
Other Names	PCDH68; C030033F14Rik; Gm78; PCD17_HUMAN; PCDH17; PCDH-17; PCDH 17; PCH68; Protocadherin 17; Protocadherin 68; Protocadherin-17; Protocadherin-68.
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

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. PCDH17 is a 1,159 amino acid single-pass type I membrane protein that contains six cadherin domains. Expressed as multiple alternatively spliced isoforms, PCDH17 is thought to function as a calcium-dependent cell adhesion protein that may play a role in establishing cell-cell connections within brain tissue. The gene encoding PCDH17 maps to human chromosome 13, which houses over 400 genes, such as BRCA2 and RB1, and comprises nearly 4% of the human genome.

Note: This product is for in vitro research use only