bs-11148R

[Primary Antibody]

PCDHGA7 Rabbit pAb

— DATASHEET —

Host: Rabbit

Clonality: Polyclonal

GeneID: 56108

Target: PCDHGA7

Immunogen: KLH conjugated synthetic peptide derived from human PCDHGA7: 301-400/932.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4℃. Store at -20℃ 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 (PCDH) gene clusters, designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. PCDHGA7 (Protocadherin gamma-A7) is a 932 amino acid that is one of 22 proteins encoded by the protocadherin gamma cluster. The protocadherein gamma cluster consists of three subfamilies (A, B and C) and PCDHGA7 is a member of the gamma subfamily A. PCDHGA7 is a type I transmembrane receptor containing six cadherin motifs and is expressed in the central nervous system where it localizes to synapses. Members of the gamma cluster of protocadherins are essential for neuronal survival. There are two isoforms of PCDHGA7 that are produced as a result of alternative splicing events.

Isotype: IgG

SWISS: Q9Y5G6

Applications: IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)

Reactivity: (predicted: Human)

Predicted MW.: 99 kDa

Subcellular Location: Cell membrane