

Anti-Human/Mouse CLDND1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA11969

3th Edition

Description:CLDND1 (claudin domain containing 1), also known as C3orf4 or HSPC174, is a 253 amino acid multi-pass membrane protein that is expressed at high levels in adult brain and at lower levels in adult heart. Existing as two alternatively spliced isoforms, CLDND1 is encoded by a gene that maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

Antigen:Recombinant protein of human CLDND1

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Widely distributed in the adult CNS with highest expression in the corpus callosum, caudate nucleus, cerebral cortex, medulla, putamen, spinal cord, substantia nigra and subthalamic nucleus. Weak expression was detected in the adult heart.