

Anti-Human /Mouse /Rat ITGA4 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA03461**

3th Edition

Description:The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 4 subunit. This subunit associates with a beta 1 or beta 7 subunit to form an integrin that may play a role in cell motility and migration. This integrin is a therapeutic target for the treatment of multiple sclerosis, Crohn's disease and inflammatory bowel disease. Alternative splicing results in multiple transcript variants. ITGA4 (Integrin Subunit Alpha 4) is a Protein Coding gene. Diseases associated with ITGA4 include Progressive Multifocal Leukoencephalopathy and Breast Sarcoma. Among its related pathways are GPCR Pathway and MAPK-Erk Pathway. GO annotations related to this gene include cell adhesion molecule binding and fibronectin binding. An important paralog of this gene is ITGA9.

Antigen:Synthetic peptide of human ITGA4

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: