

## Integrin α4 (phospho Ser1027) rabbit pAb

Cat No.: ES5942

For research use only

## Overview

Product Name Integrin α4 (phospho Ser1027) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA
Species Cross-Reactivity Human;Mouse

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human Integrin alpha4 around

the phosphorylation site of Ser1027. AA

range:983-1032

Specificity Phospho-Integrin α4 (S1027) Polyclonal Antibody

detects endogenous levels of Integrin  $\alpha 4$  protein

only when phosphorylated at S1027.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Integrin alpha-4

Gene Name ITGA4

**Cellular localization** Membrane; Single-pass type I membrane protein. **Purification** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific immunogen.

ClonalityPolyclonalConcentration1 mg/ml

**Observed band** 

Human Gene ID 3676 Human Swiss-Prot Number P13612

Alternative Names ITGA4; CD49D; Integrin alpha-4; CD49 antigen-like

family member D; Integrin alpha-IV; VLA-4 subunit

alpha; CD antigen CD49d

**Background** integrin subunit alpha 4(ITGA4) Homo sapiens

The gene encodes a member of the integrin alpha

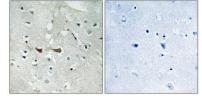




chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 4 subunit. 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. [provided by RefSeq, Oct 2015],

Immunohistochemical analysis of paraffin-embedded

Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by



+86-27-59760950

