

ITGAV Polyclonal Antibody

Catalog No. E-AB-70153

Note: Centrifuge before opening to ensure complete recovery of vial contents.

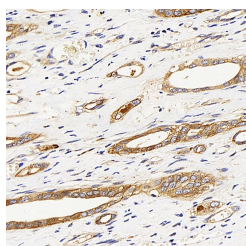
Description

Reactivity	Human,Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Integrin alpha-V
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

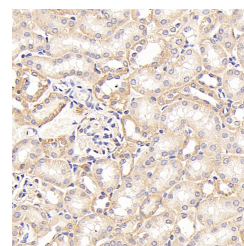
Applications Recommended Dilution

IHC 1:300-1:1000

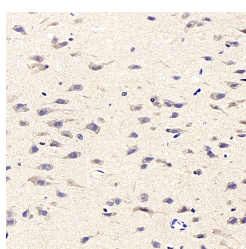
Data



Immunohistochemistry analysis of paraffin-embedded human liver cancer using ITGAV Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using ITGAV Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded Rat brain using ITGAV Polyclonal Antibody at dilution of 1:400.

Preparation & Storage

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

Background

The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane

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proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha V subunit. This subunit associates with beta 1, beta 3, beta 5, beta 6 and beta 8 subunits. The heterodimer consisting of alpha V and beta 3 subunits is also known as the vitronectin receptor. This integrin may regulate angiogenesis and cancer progression. Alternative splicing results in multiple transcript variants. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes.