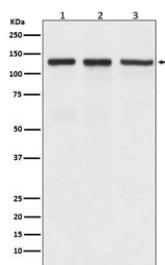


ITGAV Antibody / Integrin alpha V / Vitronectin Receptor [clone ABGC-9] (RQ5164)

Catalog No.	Formulation	Size
RQ5164	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ABGC-9
Purity	Affinity purified
UniProt	P06756
Applications	Western Blot : 1:500-1:2000
Limitations	This ITGAV antibody is available for research use only.



Western blot testing of 1) human A549, 2) mouse spleen and 3) rat brain lysate with ITGAV antibody. Expected molecular weight: 116-150 kDa.

Description

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

Application Notes

Optimal dilution of the ITGAV antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Integrin alpha V / ITGAV was used as the immunogen for the ITGAV antibody.

Storage

Store the ITGAV antibody at -20oC.