

Recombinant VAV3 Monoclonal Antibody

catalog number: **AN301844L**

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

Description

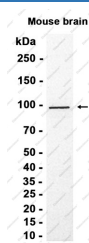
Reactivity	Human
Immunogen	A synthetic peptide of human VAV3
Host	Rabbit
Isotype	Rabbit IgG
Clone	C371466
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000-1:5000
ICC/IF	1:50
IP	1:20-1:50
FCM	1:20-1:50

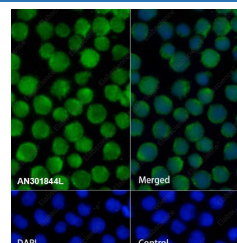
Data



Western blot analysis of Mouse brain cell lysates using VAV3 Antibody (AN301844L) at a dilution of 1:1000.

Observed-MW:98 kDa

Calculated-MW:98 kDa



Immunofluorescence analysis of Jurkat cells using VAV3 Antibody (AN301844L). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Vav proteins belong to the Dbl family of guanine nucleotide exchange factors (GEFs) for Rho/Rac small GTPases. The three identified mammalian VAV proteins (VAV1, VAV2 and VAV3) differ in their expression. Vav1 is expressed only in hematopoietic cells and is involved in the formation of the immune synapse. VAV2 and VAV3 are more ubiquitously expressed. VAV proteins contain the Dbl homology domain, which confers GEF activity, as well as protein interaction domains that allow them to function in pathways regulating actin cytoskeleton organization.

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