

## Anti-VAV3 Antibody (51840)

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 98 kDa.
Clone:	51840
Purification:	Protein A purified

## Applications

Verified Activity:	Blocking buffer: 5% NFDM/TBST Primary Ab dilution: 1: 2000 Primary Ab incubation condition: 2 hours at room temperature Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: 1: Human placenta, 2: Mouse placenta, 3: Rat kidney Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 98 kDa Observed MW: 98 kDa
Application:	WB
Recommended	WB: 1:500-1000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human VAV3
Antigen Species:	Human
Gene ID:	10451
Uniprot ID:	Q9UKW4

## Research Background

This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known. [provided by RefSeq, Jul 2008]

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