

VAV1 Conjugated Antibody

Catalog No: #C28831



Package Size: #C28831-AF350 100ul #C28831-AF405 100ul #C28831-AF488 100ul
 #C28831-AF555 100ul #C28831-AF594 100ul #C28831-AF647 100ul
 #C28831-AF680 100ul #C28831-AF750 100ul #C28831-Biotin 100ul

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Description

| | |
|-----------------------|--|
| Product Name | VAV1 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | most applications |
| Species Reactivity | Hu |
| Immunogen Description | A synthetic peptide of human VAV1 (NP_005419.2). |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | VAV1; VAV; proto-oncogene vav |
| Accession No. | Swiss-Prot#:P15498NCBI Gene ID:7409 |
| Uniprot | P15498 |
| GeneID | 7409; |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Calculated MW | 110kDa |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. The encoded protein is important in hematopoiesis, playing a role in T-cell and B-cell development and activation. The encoded protein has been identified as the specific binding partner of Nef proteins from HIV-1. Coexpression and binding of these partners initiates profound morphological changes, cytoskeletal rearrangements and the JNK/SAPK signaling cascade, leading to increased levels of viral transcription and replication. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Note: This product is for in vitro research use only