
anti-Vav

Cat #: HM1390
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

p95 vav is a proto-oncogene expressed in hematopoietic cells, playing a role in T-cell and B-cell development and activation. It contains a series of structural motifs found in intracellular signaling molecules: Within its amino terminus there are a helix-loop-helix domain and a leucine zipper motif similar to that of Myc family proteins. In addition, vav contains an SH2 domain, indicating its role as a substrate for tyrosine kinases. Vav is tyrosine phosphorylated upon activation of hematopoietic cells through their surface receptors, such as the B cell IgM receptor complex or the T cell receptor-CD4 complex. Vav is also phosphorylated on serine and threonine. It was shown that p70 Ku interacts with amino acids 813-837 of p95vav, part of the carboxyl-terminal Src homology 3 (SH3) domain.

SPECIFICITY

This antibody reacts with mouse, rat and human Vav. It can be used in Western blotting, immunoprecipitation and immunohistochemistry.

Molecular weight of vav: 95 kDa.

IMMUNOGEN

A recombinant protein corresponding to the C terminal domain of human Vav p95.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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