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NFATC2IP Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57441

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8NCF5
Reactivity	Cynomolgus
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45817

Additional Information

Gene ID	84901
Other Names	NFATC2-interacting protein, 45 kDa NF-AT-interacting protein, 45 kDa NFAT-interacting protein, Nuclear factor of activated T-cells, cytoplasmic 2-interacting protein, NFATC2IP, NIP45
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NFATC2IP
Synonyms	NIP45
Function	In T-helper 2 (Th2) cells, regulates the magnitude of NFAT- driven transcription of a specific subset of cytokine genes, including IL3, IL4, IL5 and IL13, but not IL2. Recruits PRMT1 to the IL4 promoter; this leads to enhancement of histone H4 'Arg-3'-methylation and facilitates subsequent histone acetylation at the IL4 locus, thus promotes robust cytokine expression (By similarity). Down-regulates formation of poly-SUMO chains by UBE2I/UBC9 (By similarity).
Cellular Location	Nucleus. Cytoplasm. Note=TRAF1 is associated with a fraction of NFATC2IP in the cytoplasm and prevents its translocation to the nucleus.

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