

**NFATC2IP Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57441****Specification**

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**NFATC2IP Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q8NCF5</a>
Reactivity	Cynomolgus
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45817

**NFATC2IP Polyclonal Antibody - 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**

<span class = "dilution\_WB">WB~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~N/A</span><br \><span class = "dilution\_IF">IF~1:50~200</span><br \><span class = "dilution\_ICC">ICC~N/A</span><br \><span class = "dilution\_E">E~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**NFATC2IP Polyclonal Antibody - 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.

**NFATC2IP Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**NFATC2IP Polyclonal Antibody - Images**