

NFATC2IP Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57441

Specification

NFATC2IP Polyclonal Antibody - Product Information

Application

Primary Accession

Reactivity

Host

Clonality

Calculated MW

WB, IHC-P, IHC-F, IF, ICC, E

O8NCF5

Cynomolgus

Rabbit

Polyclonal

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

WB~~1:1000<br \><span class
="dilution_IHC-P">IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A<br \>ICC~~N/A

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.

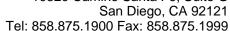
NFATC2IP Polyclonal Antibody - Protein Information

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
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NFATC2IP Polyclonal Antibody - Images