



# NFATc2IP Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Catalog No</b>                  | YP-Ab-01897                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                  | Human;Rat;Mouse;;Fish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>                | WB;IHC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | NFATC2IP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human NFATC2IP. AA range:151-200                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Specificity</b>                 | NFATc2IP Polyclonal Antibody detects endogenous levels of NFATc2IP protein.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Dilution</b>                    | WB 1:500-2000;IHC-p 1:50-300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                    | Nuclear factor of activated T-cells;cytoplasmic 2-interacting protein;NIP45; NFATC2-interacting protein;NFATC2 interacting protein;NFATc2IP;45 kDa NF-AT-interacting protein;45 kDa NFAT-interacting protein                                                                                                                                                                                                                                                                                                          |
| <b>Observed Band</b>               | 48kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Calculated Molecular Weight</b> | 48kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>                | Nucleus . Cytoplasm . TRAF1 is associated with a fraction of NFATC2IP in the cytoplasm and prevents its translocation to the nucleus. .                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Tissue Specificity</b>          | Brain,Epithelium,Eye,Liver,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>                    | function:Plays a role in the inducible expression of cytokine genes in T-cells, especially by increasing NFAT-driven IL-4 production.,PTM:Methylation at the N-terminus by PRMT1 modulates interaction with the NFAT complex and results in augmented cytokine production.,similarity:Contains 1 ubiquitin-like domain., subcellular location:TRAF1 is associated with a fraction of NFATC2IP in the cytoplasm and prevents its translocation to the nucleus.,subunit:Interacts with NFATC2, TRAF1, TRAF2 and PRMT1., |



## Background

function: Plays a role in the inducible expression of cytokine genes in T-cells, especially by increasing NFAT-driven IL-4 production., PTM: Methylation at the N-terminus by PRMT1 modulates interaction with the NFAT complex and results in augmented cytokine production., similarity: Contains 1 ubiquitin-like domain., subcellular location: TRAF1 is associated with a fraction of NFATC2IP in the cytoplasm and prevents its translocation to the nucleus., subunit: Interacts with NFATC2, TRAF1, TRAF2 and PRMT1.,

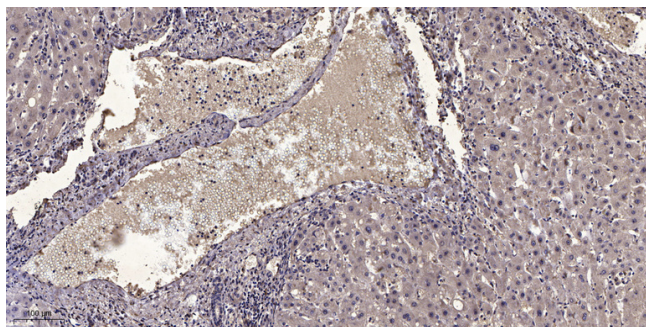
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).