

For Research Use Only

# NFATC2IP Polyclonal antibody

Catalog Number: 11667-1-AP



## Basic Information

<b>Catalog Number:</b> 11667-1-AP	<b>GenBank Accession Number:</b> BC021551	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84901	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NCF5	
<b>Isotype:</b> IgG	<b>Full Name:</b> nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 interacting protein	
<b>Immunogen Catalog Number:</b> AG2217	<b>Calculated MW:</b> 138 aa, 15 kDa	
	<b>Observed MW:</b> 50-65 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, K-562 cells, Raji cells
<b>Species Specificity:</b> human	<b>IF/ICC :</b> HeLa cells,

## Background Information

NFATC2IP, also named as NIP45, is a 419 amino acid protein, which contains one ubiquitin-like domain. TRAF1 is associated with a fraction of NFATC2IP in the cytoplasm and prevents its translocation to the nucleus. NFATC2IP 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.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

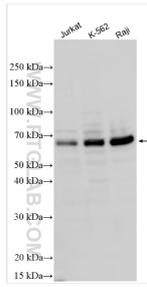
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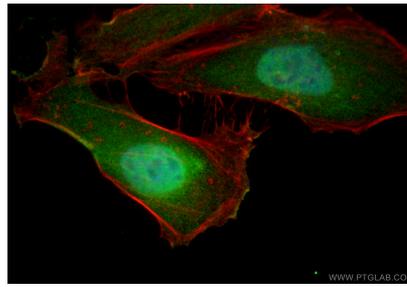
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11667-1-AP (NFATC2IP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NFATC2IP antibody (11667-1-AP) at dilution of 1:400 and Multi-Ab CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).