

For Research Use Only

NFATC4 Polyclonal antibody

Catalog Number: 26311-1-AP



Basic Information

Catalog Number: 26311-1-AP	GenBank Accession Number: BC053855	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 4776	Recommended Dilutions: WB 1:5000-1:20000 IHC 1:50-1:500
Source: Rabbit	Full Name: nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4	
Isotype: IgG	Calculated MW: 95 kDa	
Immunogen Catalog Number: AG24503	Observed MW: 90-105 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells, MCF-7 cells IHC : human lung cancer tissue,
Species Specificity: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

NFATC4, also named NFAT3, is a member from the Nuclear Factor of Activated T cells (NFATs) transcription factor family. NFATc4 contains a conserved Rel homology domain (RHD) which includes the DNA-binding motif, and two transactivation domains (TADs) which locate at the N-terminus and C-terminus respectively. NFATC4 is involved in several physiological processes, including the development and function of the immune, cardiovascular, musculoskeletal, and nervous systems. It is also reported that NFATC4 could take part in cell growth, cell migration, tumor metastasis, and patient survival recently.

Storage

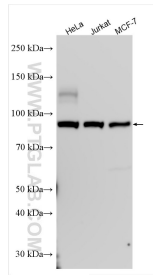
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

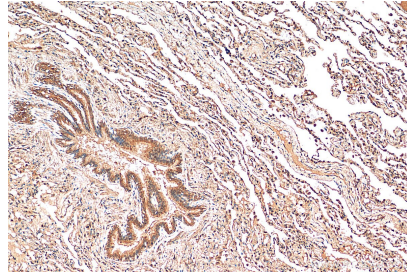
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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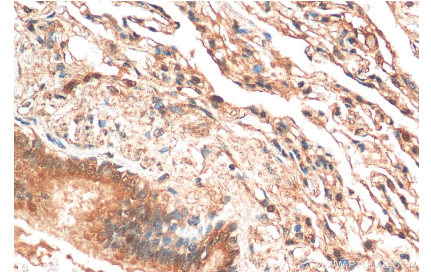
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26311-1-AP (NFATC4 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 26311-1-AP (NFATC4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 26311-1-AP (NFATC4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).