

NFATC4 Polyclonal antibody

Catalog Number: 26311-1-AP

Basic Information

Catalog Number:

26311-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24503

GenBank Accession Number:

BC053855

GeneID (NCBI):

4776

UNIPROT ID:

Q14934

Full Name:

nuclear factor of activated T-cells,
cytoplasmic, calcineurin-dependent 4

Calculated MW:

95 kDa

Observed MW:

90-105 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:5000-1:20000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Jurkat cells, MCF-7 cells

IHC : human lung cancer tissue,

**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:

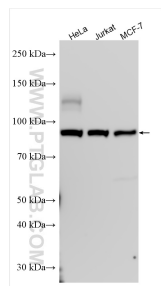
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

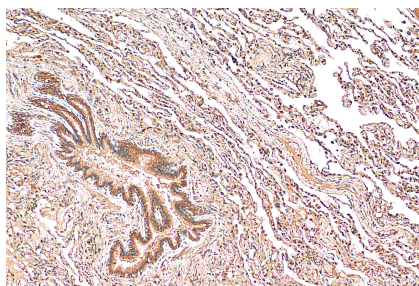
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

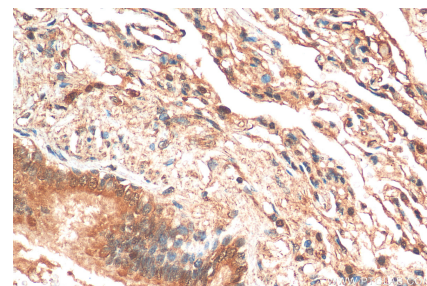
Selected Validation Data



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).