

NFAT2 polyclonal antibody

Catalog: BS80103

Host: Rabbit

Reactivity: Human

BackGround:

The product of this gene is a component of the nuclear factor of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation, and an inducible nuclear component. Proteins belonging to this family of transcription factors play a central role in inducible gene transcription during immune response. The product of this gene is an inducible nuclear component. It functions as a major molecular target for the immunosuppressive drugs such as cyclosporin A. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

75-100kDa

Swiss-Prot:

O95644

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:2000 | IHC, 1:50 - 1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Modification:

Unmodification

DATA:

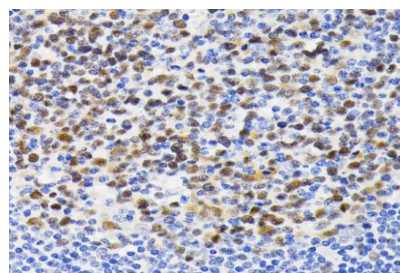
Western blot analysis of extracts of various cell lines, using NFAT2

Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat

Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per

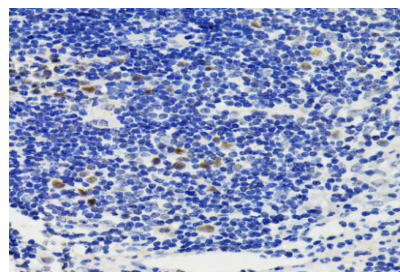
lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:

ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human tonsil using

NFAT2 antibody at dilution of 1:200. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded human appendix using

NFAT2 antibody at dilution of 1:200. Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Note:

For research use only, not for use in diagnostic procedure.

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