

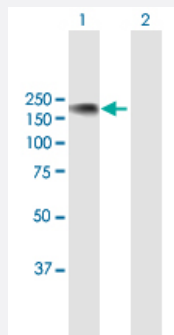
MaxPab®

NFATC3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004775-B01P

Size 50 ug

Applications

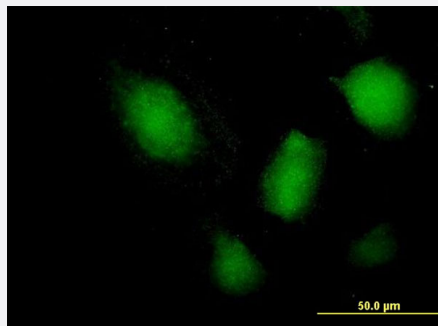


Western Blot (Transfected lysate)

Western Blot analysis of NFATC3 expression in transfected 293T cell line ([H00004775-T01](#)) by NFATC3 MaxPab polyclonal antibody.

Lane 1: NFATC3 transfected lysate (117.48 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NFATC3 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NFATC3 protein.

Immunogen

NFATC3 (NP_004546.1, 1 a.a. ~ 1068 a.a) full-length human protein.

Sequence

MTTANCGAHDELDFKLVFGE DGAPAPPPPGSRPADLEPDDCASIMFNVDPPPSTLTTPCLCLPHH
GLPSHSSVLSPSFQLQSHKNYEGTCEIPESKYSPLGGPKPFECPSIQITSISPNCHQELDAHEDDL
QINDPEREFLEPSPRDHLYLPLEPSYRESSLSPSPASSISSRSWFS DASSCESLSHYDDVDSELN
EAAARFTLGSPLTSPGGSPGGCPGEETWHQQYGLGHSLSPRQSPCHSPRSSVTDENWLSRP
ASGPSSRPTSPCGKRRHSSAEVCYAGSLSPHHSPVSPGHSPRGSVTE DTWLNASVHGGSGL
GPAVFPFQYCVETDIPLKTRKTS EDQAAILPGKLELCSDDQGSLS PARETSID DGLGSQYPLKKDS
CGDQFLSVSPFTWSKPKPGHTPIFRTSSLPLDWPLPAHFGQCELKIEVQPKTHHRAHYETEGS
RGAVKASTGGHPVVKLLGYNEKPINLQMFIGTADDRYL RPHAFYQVHRITGKT VATASQEIIASTKV
LEIPLL PENNMSASIDCAGILKLRNSDIELRKGETDIGRKNTRVRLVFRVHIPQPSGKVL SLQIASIPV
ECSQRSAQELPHIEKYSINSCSVNGGHEMVVTGSNFLPESKIIIFLEKGQDGRPQWEVEGKIIREKC
QGAHMLEVPPYHNPAVTA AVQVHFYLCNGKRKKSQSQRFTYTPVLMKQEHREEIDLSSVPSLPV
PHPAQTQRPSDSGCSHDSVLSGQSRSLCSIPQTYASMVTSSHLPQLQCRDESVSKEQH MIPSPI
VHQPFQVTPTPPVGSSYQPMQTNVYNGPTCLPINAASSQEFD SVLFQQDATLSGLVNLGCQPL
SSIPFHSSNSGSTGHLLAHTPHSVHTLPHLQSMGYHCSNTGQ RSLSSPVADQITGQPSSQLQPITY
GPSHSGSATTASPAASHPLASSPLSGPPSPQLQPMPYQSPSSGTASSP SPATRMHSGQHSTQA
QSTGQGGLSAPSSLICHSLCDPASFPDPGATVSIKPEPEDREPNFATIGLQDITLDDDQFISDLEH
QPSGSAEKWPNH SVLSCPAFWRI

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (90)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

• Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NFATC3 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — NFATC3

Entrez GeneID	4775
GeneBank Accession#	NM_004555.2
Protein Accession#	NP_004546.1
Gene Name	NFATC3
Gene Alias	NFAT4, NFATX
Gene Description	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3
Omim ID	602698
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a member of the nuclear factors 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. Other members of this family participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes. Four transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	T cell transcription factor NFAT4 nuclear factor of activated T-cells c3 isoform IE-Xa nuclear factor of activated T-cells, cytoplasmic 3

Publication Reference

- [Altered expression and splicing of Ca\(2+\) metabolism genes in myotonic dystrophies DM1 and DM2.](#)

Vihola A, Sirito M, Bachinski LL, Raheem O, Screen M, Suominen T, Krahe R, Udd B.

Neuropathology and Applied Neurobiology 2013 Jun; 39(4):390.

Application: WB, Human, Muscle

Pathway

- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)

- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)