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NFIA Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant NFIA.
Catalog # AT3032a

Product Information

Application	WB, IF, E
Primary Accession	Q12857
Other Accession	BC022264
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1E12
Calculated MW	55944

Additional Information

Gene ID	4774
Other Names	Nuclear factor 1 A-type, NF1-A, Nuclear factor 1/A, CCAAT-box-binding transcription factor, CTF, Nuclear factor I/A, NF-I/A, NFI-A, TGGCA-binding protein, NFIA, KIAA1439
Target/Specificity	NFIA (AAH22264, 1 a.a. ~ 498 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NFIA Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

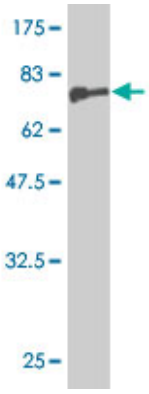
Nuclear factor I (NFI) proteins constitute a family of dimeric DNA-binding proteins with similar, and possibly identical, DNA-binding specificity. They function as cellular transcription factors and as replication factors for adenovirus DNA replication. Diversity in this protein family is generated by multiple genes, differential splicing, and heterodimerization.

References

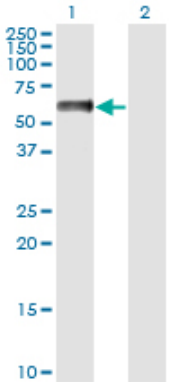
1.The interplay between the master transcription factor PU.1 and miR-424 regulates human

monocyte/macrophage differentiation.Rosa A, Ballarino M, Sorrentino A, Sthandier O, De Angelis FG, Marchioni M, Masella B, Guarini A, Fatica A, Peschle C, Bozzoni I.Proc Natl Acad Sci U S A. 2007 Dec 11;104(50):19849-54. Epub 2007 Dec 3.

Images

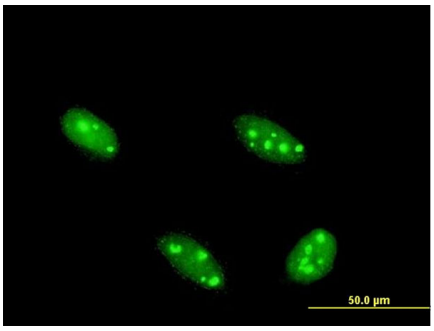


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (80.52 KDa) .

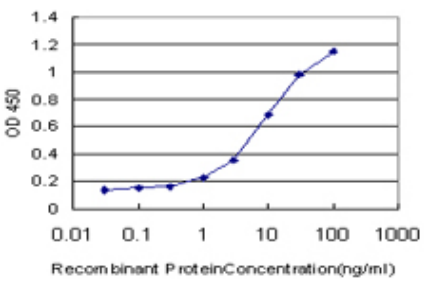


Western Blot analysis of NFIA expression in transfected 293T cell line by NFIA monoclonal antibody (M02), clone 1E11.

Lane 1: NFIA transfected lysate (Predicted MW: 54.6 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to NFIA on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged NFIA is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.