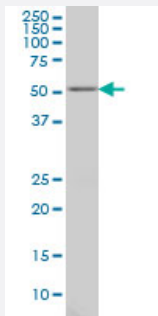


GABPA monoclonal antibody (M03), clone M1

Catalog # H00002551-M03

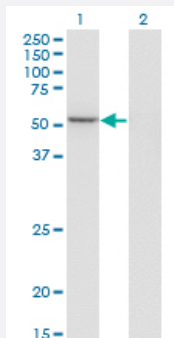
Size 100 ug

Applications



Western Blot (Cell lysate)

GABPA monoclonal antibody (M03), clone M1 Western Blot analysis of GABPA expression in HeLa S3 NE (Cat # L013V3).

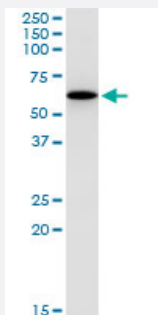


Western Blot (Transfected lysate)

Western Blot analysis of GABPA expression in transfected 293T cell line by GABPA monoclonal antibody (M03), clone M1.

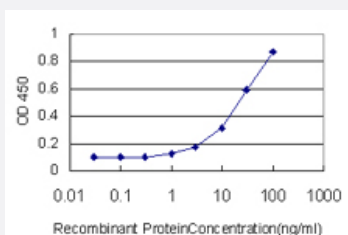
Lane 1: GABPA transfected lysate (Predicted MW: 51.3 KDa).

Lane 2: Non-transfected lysate.



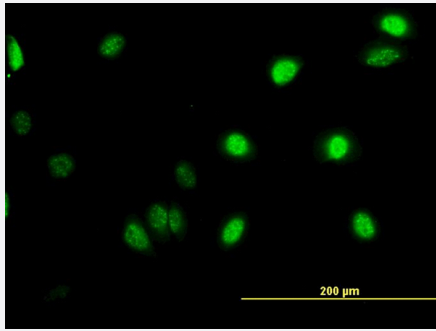
Immunoprecipitation

Immunoprecipitation of GABPA transfected lysate using anti-GABPA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GABPA monoclonal antibody.



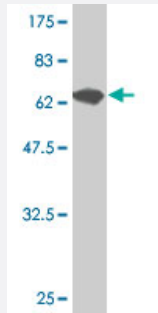
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GABPA is approximately 1ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (75.68 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant GABPA.
Immunogen	GABPA (AAH35031, 1 a.a. ~ 454 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTKREAEELIEIDGTEKAECTEESVEQTYAPAEVCSQAIDINEPIGNLKKLLEPRLQCSLDAHEIC LQDIQLDPERSLFDQGKTDGTVQLSVQVISYQGIEPKLNILEMVKPADTVEVVIDPDAHHAESEAH LVEEAQVITLDGTHITTISDETSEQVTRWAAALEGYRKEQERLGIPYDPIQWSTDQVLHWVWVM KEFSMTDIDLTLNISGRELCSLNQEDFFQVRPRGEILWSHLELLRKYVLASQEQQMNEITDQPV QIIPASVQSATPTTIKVINSSAKAAKVQRAPRISGEDRSSPGNRTGNNGQIQLWQFLLELLTDKDAR DCISWVGDEGEFKNLQPELVAQKWGQRKNKPTMNYEKLSRALRYYYDGMICKVQGKRFVYKFV CDLKTIGYSAAELNRLVTECEQKKLAKMQLHGIAQPVTAVASTASLQTEKDN
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (75.68 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

GABPA monoclonal antibody (M03), clone M1 Western Blot analysis of GABPA expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GABPA expression in transfected 293T cell line by GABPA monoclonal antibody (M03), clone M1.

Lane 1: GABPA transfected lysate (Predicted MW: 51.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of GABPA transfected lysate using anti-GABPA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GABPA monoclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GABPA is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — GABPA

Entrez GeneID	2551
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GeneBank Accession#	BC035031
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Protein Accession#	AAH35031
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Gene Name	GABPA
Gene Alias	E4TF1-60, E4TF1A, NFT2, NRF2, NRF2A
Gene Description	GA binding protein transcription factor, alpha subunit 60kDa
Omim ID	600609
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of three GA-binding protein transcription factor subunits which functions as a DNA-binding subunit. Since this subunit shares identity with a subunit encoding the nuclear respiratory factor 2 gene, it is likely involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. This subunit also shares identity with a subunit constituting the transcription factor E4TF1, responsible for expression of the adenovirus E4 gene. Because of its chromosomal localization and ability to form heterodimers with other polypeptides, this gene may play a role in the Down Syndrome phenotype. [provided by RefSeq]
Other Designations	GA binding protein transcription factor, alpha subunit OTTHUMP00000096114 human nuclear respiratory factor-2 subunit alpha nuclear respiratory factor 2 alpha subunit

Disease

- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Lupus Erythematosus](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)