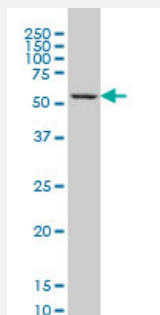


GABPA monoclonal antibody (M01), clone 4B8-G6

Catalog # H00002551-M01

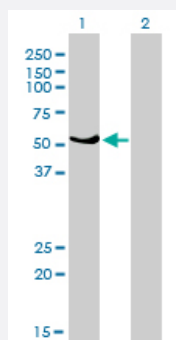
Size 100 ug

Applications



Western Blot (Cell lysate)

GABPA monoclonal antibody (M01), clone 4B8-G6 Western Blot analysis of GABPA expression in K-562 (Cat # L009V1).

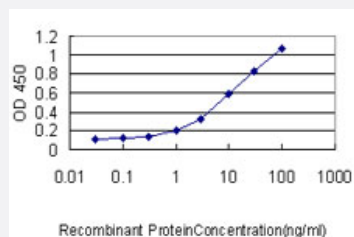


Western Blot (Transfected lysate)

Western Blot analysis of GABPA expression in transfected 293T cell line by GABPA monoclonal antibody (M01), clone 4B8-G6.

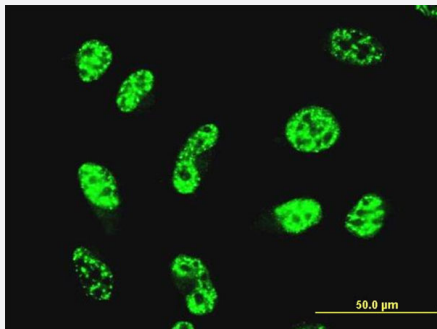
Lane 1: GABPA transfected lysate(51.3 KDa).

Lane 2: Non-transfected lysate.



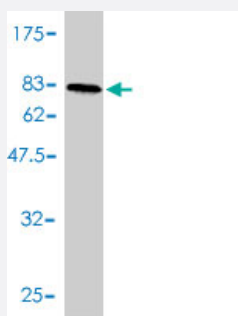
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GABPA is approximately 0.03ng/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	MTKREAEEIEIDGTEKAECTEESVEQTYAPAECVSQAIDINEPIGNLKKLLEPRLQCSLDAHEIC LQDIQLDPERSLFDQGKTDGTVQLSVQVISYQGIEPKLNILEMVKPADTVEVVIDPDAHHAESEAH LVEEAQVITLDGTHITTISDETSEQVTRWAAALEGYRKEQERLGIPYDPIQWSTDQVLHWVVWVM KEFSMTDIDLTLNISGRELCSLNQEDFFQVRPRGEILWSHLELLRKYVLASQEQQMNEITIDQPV QIIPASVQSATPTTIKVINSSAKAAKVQRAPRISGEDRSSPGNRTGNNGQIQLWQFLLELLTDKDAR DCISWVGDEGEFKNQPELVAQKWGQRKNKPTMNYEKLSRALRYYYDGMICKVQGRFVYKFV 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 (M01), clone 4B8-G6 Western Blot analysis of GABPA expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GABPA expression in transfected 293T cell line by GABPA monoclonal antibody (M01), clone 4B8-G6.

Lane 1: GABPA transfected lysate(51.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GABPA is approximately 0.03ng/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
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Gene Alias	E4TF1-60, E4TF1A, NFT2, NRF2, NRF2A
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Gene Description	GA binding protein transcription factor, alpha subunit 60kDa
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Omim ID	600609
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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](#)