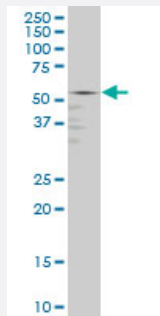


GABPA monoclonal antibody (M07), clone 5C8

Catalog # H00002551-M07

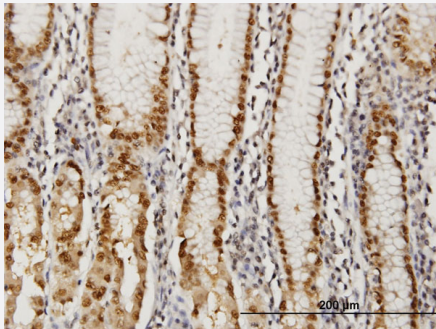
Size 100 ug

Applications



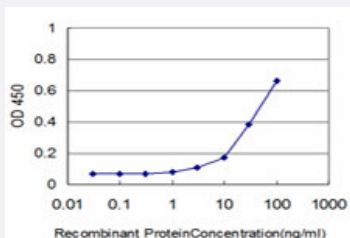
Western Blot (Cell lysate)

GABPA monoclonal antibody (M07), clone 5C8 Western Blot analysis of GABPA expression in HeLa S3 NE (Cat # L013V3).



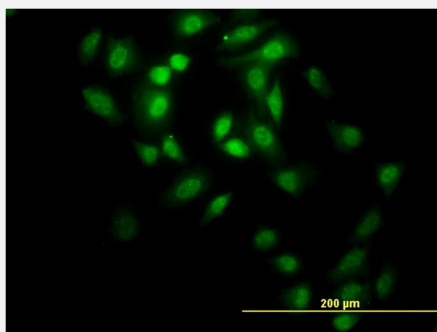
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GABPA on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]



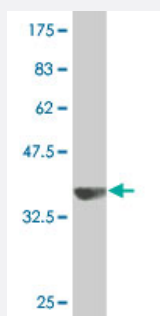
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GABPA is approximately 3ng/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 (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GABPA.
Immunogen	GABPA (NP_002031, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTKREAEELEIEIDGTEKAECTEESIVEQTYAPAEVCVSQAIDINEPIGNLKKLLEPRLQCSLDAHEIC LQDIQLDPERSLFDQGKTDGTVQLSVQVIS
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (M07), clone 5C8 Western Blot analysis of GABPA expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GABPA on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GABPA is approximately 3ng/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](#)

GeneBank Accession# [NM_002040](#)

Protein Accession# [NP_002031](#)

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](#)