

Mouse GABPA Monoclonal Antibody | anti-GABPA antibody

GABPA (GA Binding Protein Transcription Factor, alpha Subunit 60kD, E4TF1-60, E4TF1A, NFT2, NRF2, NRF2A) (FITC)

CATALOG # AAA26374	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GABPA; Monoclonal Antibody; GABPA (GA Binding Protein Transcription Factor; alpha Subunit 60kD; E4TF1-60; E4TF1A; NFT2; NRF2; NRF2A) (FITC); GA Binding Protein Transcription Factor; NRF2A; anti-GABPA antibody

PRODUCT SPECIFICATIONS

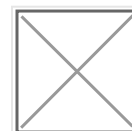
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	5C8
Specificity	Recognizes GABPA.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-GABPA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	GABPA (NP_002031, 1aa-100aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTKREAEEIEIDGTEKAECTEESIVEQTYAPAEVCSQAIDINEPIGNLKKLLEPRLQCSLDAHEICLQDIQLDPERSLFDQGKTDGTVQLSVQVIS
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



IHC (Immunohistochemistry)

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



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**Application Data**

Detection limit for recombinant GST tagged GABPA is approximately 3ng/ml as a capture antibody.

**IF (Immunofluorescence)**

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

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

**WB (Western Blot)**

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

ADDITIONAL INFORMATION

Related Product Information for anti-GABPA antibody	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]
Product Categories/Family for anti-GABPA antibody	Antibodies ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	34452721
NCBI GeneID	2551
NCBI Accession #	NP_002031
NCBI GenBank Nucleotide #	NM_002040
UniProt Accession #	Q06546
Molecular Weight	51kDa
NCBI Official Full Name	GA-binding protein alpha chain
NCBI Official Synonym Full Names	GA binding protein transcription factor subunit alpha
NCBI Official Symbol	GABPA
NCBI Official Synonym Symbols	NFT2; NRF2; NRF2A; E4TF1A; E4TF1-60; RCH04A07
NCBI Protein Information	GA-binding protein alpha chain
UniProt Protein Name	GA-binding protein alpha chain
UniProt Gene Name	GABPA
UniProt Synonym Gene Names	E4TF1A; GABP subunit alpha
UniProt Entry Name	GABPA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.