

Mouse anti-Human, Mouse GABPA Antibody | anti-GABPA antibody

GABPA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108756	Mouse	Human, Mouse	ELISA, Immunofluorescence, Western Blot

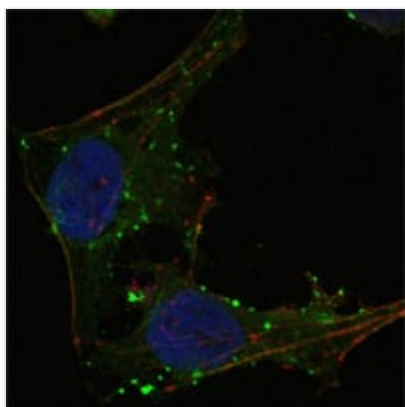
PRODUCT SYNONYMS

GABPA; GABPA Antibody; NFT2; NRF2; anti-GABPA antibody

PRODUCT SPECIFICATIONS

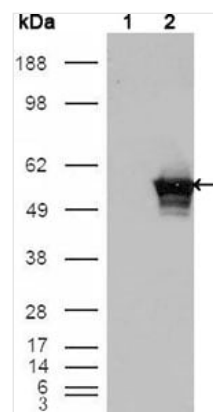
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	8C1B10
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	454
Applicable Applications for anti-GABPA antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human GABPA (aa120-190) expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



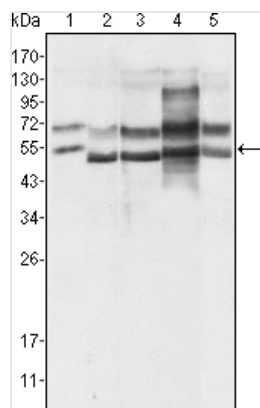
IF (Immunofluorescence)

Figure 3: Confocal immunofluorescence analysis of HeLa cells using GABPA mouse mAb (green). Red: Actin filaments have been labeled using DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Figure 2: Western blot analysis using GABPA mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY GABPA cDNA (2).



WB (Western Blot)

Figure 1: Western blot analysis using GABPA mouse mAb against Hela (1), A549 (2), MCF-7 (3), NIH/3T3 (4) and SMMC-7721 (5) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-GABPA antibody	GABPA: GA binding protein transcription factor, alpha subunit 60kDa. It is 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, it may play a role in the Down Syndrome phenotype.
Product Categories/Family for anti-GABPA antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	308818209
NCBI GeneID	2551
NCBI Accession #	NP_001184226.1
NCBI GenBank Nucleotide #	NM_001197297.1
UniProt Accession #	Q06546 ; Q12939
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

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.