

## Mouse anti-Human, Mouse GABP-alpha Monoclonal Antibody | anti-GABP-alpha antibody

GABP-alpha Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY   | APPLICATIONS                                                 |
|-----------|-------|--------------|--------------------------------------------------------------|
| AAA320082 | Mouse | Human, Mouse | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

GABP-alpha; Monoclonal Antibody; GABP-alpha Monoclonal Antibody; GA-binding protein alpha chain; GABPA; E4TF1A; GABP subunit alpha; Nuclear respiratory factor 2 subunit alpha; Transcription factor E4TF1-60; anti-GABP-alpha antibody

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                    |
|------------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                                 | Mouse                                                                              |
| Reactivity                                           | Human, Mouse                                                                       |
| Clonality                                            | Monoclonal                                                                         |
| Specificity                                          | GABP-alpha Monoclonal Antibody detects endogenous levels of GABP-alpha protein.    |
| Purity/Purification                                  | Affinity purification                                                              |
| Form/Format                                          | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.            |
| Applicable Applications for anti-GABP-alpha antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)       |
| Immunogen                                            | Purified recombinant fragment of human GABP-alpha (aa120-190) expressed in E coli. |
| Modification                                         | Unmodified/Total                                                                   |
| Preparation and Storage                              | Store at -20 degree C/1 year                                                       |

### IMAGES



#### IF (Immunofluorescence)

Confocal immunofluorescence analysis of HeLa cells using GABP-? Monoclonal Antibody (green). Red: Actin filaments have been labeled using DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



#### WB (Western Blot)

Western Blot analysis using GABP-? Monoclonal Antibody against HeLa (1), A549 (2), MCF-7 (3), NIH/3T3 (4) and SMMC-7721 (5) cell lysate.

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GABP-alpha 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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2010] |
| Product Categories/Family for anti-GABP-alpha antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 383615289                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 2551                                                                                                                                                                                                                                                            |
| UniProt Accession #              | Q06546; Q12939                                                                                                                                                                                                                                                  |
| Molecular Weight                 | 51,295 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | GA binding protein transcription factor alpha subunit 60kDa                                                                                                                                                                                                     |
| NCBI Official Synonym Full Names | GA binding protein transcription factor, alpha subunit 60kDa                                                                                                                                                                                                    |
| NCBI Official Symbol             | GABPA                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | NFT2; NRF2; NRF2A; E4TF1A; E4TF1-60; RCH04A07                                                                                                                                                                                                                   |
| NCBI Protein Information         | GA-binding protein alpha chain; GABP subunit alpha; transcription factor E4TF1-60; nuclear respiratory factor 2 alpha subunit; nuclear respiratory factor 2 subunit alpha; human nuclear respiratory factor-2 subunit alpha; GA binding protein transcription f |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gabp-alpha-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320082>