

## Rabbit anti-Human, Mouse GABPB1 Polyclonal Antibody | anti-GABPB1 antibody

GABPB1 Polyclonal Antibody

|                               |                       |                                   |                                                                               |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA279468</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

GABPB1; Polyclonal Antibody; GABPB1 Polyclonal Antibody; E4TF1; GABPB; BABPB2; E4TF1B; GABPB2; NRF2B1; NRF2B2; E4TF1-47; E4TF1-53; anti-GABPB1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human, Mouse                                                                                                                                          |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Isotype                                          | IgG                                                                                                                                                   |
| Purity/Purification                              | Affinity Purification                                                                                                                                 |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                  | 395                                                                                                                                                   |
| Applicable Applications for anti-GABPB1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Species                                          | Human                                                                                                                                                 |
| Immunogen                                        | Recombinant Protein                                                                                                                                   |
| Immunogen                                        | Recombinant protein of human GABPB1                                                                                                                   |
| Calculated Molecular Weight                      | 42kDa                                                                                                                                                 |
| Preparation and Storage                          | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



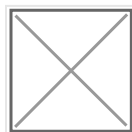
#### IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using GABPB1 antibody.



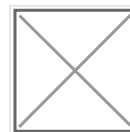
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using GABPB1 Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using GABPB1 Antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using GABPB1 Antibody at dilution of 1:100 (40x lens).



**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using GABPB1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

**ADDITIONAL INFORMATION**

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GABPB1 antibody | This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a tetrameric complex with the alpha subunit, and stimulates transcription of target genes. The encoded protein may be involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. The crystal structure of a similar protein in mouse has been resolved as a ternary protein complex. Multiple transcript variants encoding distinct isoforms have been identified for this gene. |
| Product Categories/Family for anti-GABPB1 antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 23503070                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 2553                                                                                                                                                                                                                                           |
| UniProt Accession #              | Q06547; Q06545; Q12940; Q12941; Q12942; Q8IYD0; A8IE52                                                                                                                                                                                         |
| Molecular Weight                 | 395                                                                                                                                                                                                                                            |
| NCBI Official Full Name          | GA-binding protein subunit beta-1                                                                                                                                                                                                              |
| NCBI Official Synonym Full Names | GA binding protein transcription factor, beta subunit 1                                                                                                                                                                                        |
| NCBI Official Symbol             | GABPB1                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | E4TF1; GABPB; BABPB2; E4TF1B; GABPB2; NRF2B1; NRF2B2; E4TF1-47; E4TF1-53                                                                                                                                                                       |
| NCBI Protein Information         | GA-binding protein subunit beta-1; GABPB-1; GABP subunit beta-2; nuclear respiratory factor 2; transcription factor E4TF1-47; transcription factor E4TF1-53; GA binding protein transcription factor beta subunit 1 transcript variant gamma-2 |
| UniProt Protein Name             | GA-binding protein subunit beta-1                                                                                                                                                                                                              |
| UniProt Gene Name                | <b>GABPB1</b>                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | E4TF1B; GABPB; GABPB2; GABP subunit beta-1; GABPB-1; GABPB-2                                                                                                                                                                                   |
| UniProt Entry Name               | GABP1_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/polyclonal/gabpb1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279468>