

## Rabbit anti-Human GABPA Polyclonal Antibody | anti-GABPA antibody

GABPA Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA235383 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                                                 |                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                      |
| Reactivity                                      | Human                                                                       |
| Clonality                                       | Polyclonal                                                                  |
| Isotype                                         | IgG                                                                         |
| Purity/Purification                             | >95%<br>Protein G Purified                                                  |
| Form/Format                                     | Liquid                                                                      |
| Sequence Length                                 | 454                                                                         |
| Applicable Applications for anti-GABPA antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                  |
| Immunogen Species                               | Human                                                                       |
| Immunogen                                       | Recombinant Human GA-binding protein alpha chain protein (268-372AA)        |
| Conjugate                                       | Non-Conjugated                                                              |
| Preservative                                    | 0.03% Proclin 300                                                           |
| Constituents                                    | 50% Glycerol, 0.01M PBS, pH 7.4                                             |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with CSB-PA22769A0Rb at 1:67, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### IHC (Immunohistochemistry)

IHC image of CSB-PA22769A0Rb diluted at 1:200 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of CSB-PA22769A0Rb diluted at 1:200 and staining in paraffin-embedded human glioma performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

### ADDITIONAL INFORMATION

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Product Categories/Family for anti-GABPA antibody | Epigenetics and Nuclear Signaling |
|---------------------------------------------------|-----------------------------------|

### 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                 | 51,295 Da                                             |
| 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                | <b>GABPA</b>                                          |
| 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.

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