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# anti-GMEB1 antibody (AA 301-400) (AbBy Fluor® 350)



Go to Product page

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| Quantity:            | 100 μL   |
|----------------------|--|
| Target:              | GMEB1  |
| Binding Specificity: | AA 301-400   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This GMEB1 antibody is conjugated to AbBy Fluor® 350   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## **Product Details**

| Immunogen:            | KLH conjugated synthetic peptide derived from human GMEB1 |
|-----------------------|---|
| Isotype:              | IgG   |
| Predicted Reactivity: | Human,Mouse,Rat,Cow,Sheep,Horse,Rabbit                    |
| Purification:         | Purified by Protein A.                                    |

# **Target Details**

| Target:           | GMEB1   |
|-------------------|---|
| Alternative Name: | GMEB1 (GMEB1 Products)  |
| Background:       | Synonyms: DNA binding protein p96P, DNA-binding protein p96P, Glucocorticoid modulatory |

element binding protein 1, Glucocorticoid modulatory element-binding protein 1, GMEB 1, GMEB-1, Gmeb1, GMEB1\_HUMAN, P96P, Parvovirus initiation factor p96, P 96, P 96, P 96. Background: GMEB-1 is a 573 amino acid protein that contains one SAND domain and is a member of the KDWK family of combinatorial transcription modulators. Localized to both the cytoplasm and the nucleus, GMEB-1 forms a heterodimer with GMEB-2 (Glucocorticoid modulatory element-binding protein 2) and, once associated with GMEB-2, plays a key role in parvovirus DNA replication. In addition, GMEB-1 functions alone as a trans-acting factor that, by binding to glucocorticoid modulatory elements (GMEs) in TAT (tyrosine aminotransferase) promoters, increases intracellular sensitivity to glucocorticoid concentrations. GMEB-1 also interacts with initiator procaspases and, via this interaction, can inhibit caspase-induced apoptosis. Due to alternative splicing events, GMEB-1 is expressed as two isoforms.

Gene ID:

10691

## **Application Details**

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

#### Handling

| Format:            | Liquid   |
|--------------------|--|
| Concentration:     | 1 μg/μL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.         |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |