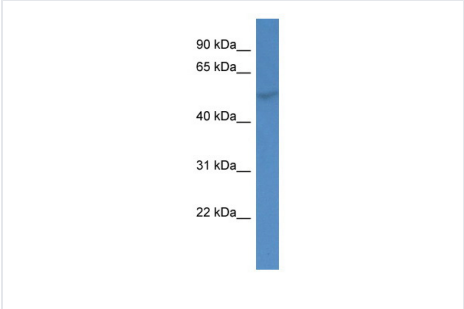
# GMEB1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | GMEB1, Polyclonal Antibody |
| **Full Product Name** | GMEB1 antibody - N-terminal region |
| **Product Gene Name** | anti-GMEB1 antibody |
| **Product Synonym Gene Name** | P96PIF; PIF96 |
| **Immunogen Sequence** | Synthetic peptide located within the following region: EAGSENNTAV VAVETHTIHK IEEGIDTGTI EANEDMEIAY PITCGESKAI |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat |
| **Form/Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Purity/Purification** | Affinity Purified |
| **Preparation and Storage** | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |
| **Antibody/Peptide Pairs** | GMEB1 peptide (MBS3226849) is used for blocking the activity of GMEB1 antibody (MBS3201848) |
| **Molecular Weight** | 61kDa |
| **3D Structure** | ModBase 3D Structure for B1AT47 |
| **Homology** | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100% |
| **Immunogen** | The immunogen is a synthetic peptide directed towards the N terminal region of human GMEB1 |
| **Product Categories/Family for anti-GMEB1 antibody** | Polyclonal; Cell Cycle Proteins; Cell Biology; Meiosis/Mitosis/Cell Cycle |
| **Applications Tested/Suitable for anti-GMEB1 antibody** | Western Blot (WB) |
| **Related Product Information for anti-GMEB1 antibody** | This is a rabbit polyclonal antibody against GMEB1. It was validated on Western Blot<br><br>Target Description: The function of this protein remains unknown. |
| **Other Notes** | Small volumes of anti-GMEB1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for GMEB1 purchase** | MBS3201848 is an antibody targeting GMEB1. Also known as GMEB1 antibody - N-terminal region. Reactive in Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat. Host: Rabbit. |




**Western Blot (WB) of anti-GMEB1 antibody**
WB Suggested Anti-GMEB1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: COLO205 cell lysate

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GMEB1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 13435375 |
| **NCBI GeneID** | 10691 |
| **NCBI Accession #** | NP_077808 |
| **UniProt Primary Accession #** | B1AT47 |
| **UniProt Related Accession #** | Q9Y692 |
| **GenBank Nucleotide #** | NM_024482 |
| **NCBI Official Full Name** | glucocorticoid modulatory element-binding protein 1 isoform 2 |
| **NCBI Official Synonym Full Names** | glucocorticoid modulatory element binding protein 1 |
| **NCBI Official Symbol** | GMEB1 |
| **NCBI Official Synonym Symbols** | PIF96; P96PIF |
| **UniProt Protein Name** | Glucocorticoid modulatory element binding protein 1, isoform CRA_a |
| **UniProt Synonym Protein Names** | Glucocorticoid modulatory element binding protein 1, isoform CRA_a |
| **Protein Family** | Glucocorticoid modulatory element-binding protein |
| **UniProt Gene Name** | GMEB1 |
| **UniProt Entry Name** | B1AT47_HUMAN |
| **NCBI Protein Information** | glucocorticoid modulatory element-binding protein 1 |
| **NCBI Summary for GMEB1** | This gene encodes a member of KDWK gene family which associates with GMEB2 protein. The GMEB1-GMEB2 complex is essential for parvovirus DNA replication. Studies in rat for a similar gene suggest that this gene's role is to modulate the transactivation of the glucocorticoid receptor when it is bound to glucocorticoid response elements. Three alternative spliced transcript variants encoding different isoforms exist. [provided by RefSeq, Feb 2016] |
| **Research Articles on GMEB1** | **1.** GMEB1 effectively attenuated caspase activation and apoptosis caused by these stresses in human neuroblastoma SK-N-MC cells, indicating that it functions as a potent inhibitor of caspase activation and apoptosis in response to oxidative stress. |
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