

## Product Datasheet

### Anti-BMAL1 (Acetyl-K538) Antibody (orb665468)

|                            |                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Rabbit polyclonal antibody to BMAL1 (Acetyl-K538)                                                                                                 |
| <b>Species/Host</b>        | Rabbit                                                                                                                                            |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                 |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                      |
| <b>Tested Applications</b> | IH, WB                                                                                                                                            |
| <b>Immunogen</b>           | KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K538 of human BMAL1 protein. The exact sequence is proprietary. |
| <b>Target</b>              | ARNTL                                                                                                                                             |
| <b>Preservatives</b>       | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                         |
| <b>Form/Appearance</b>     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                         |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.           |
| <b>Note</b>                | For research use only                                                                                                                             |
| <b>Clonality</b>           | Polyclonal                                                                                                                                        |
| <b>Antibody Type</b>       | Primary Antibody                                                                                                                                  |
| <b>Source</b>              | Rabbit                                                                                                                                            |
| <b>Uniprot ID</b>          | <b>Q9EPW1, Q9WTL8, O00327</b>                                                                                                                     |
| <b>Entrez</b>              | <b>11865, 29657, 406</b>                                                                                                                          |
| <b>Dilution Range</b>      | WB: 1-500-1000                                                                                                                                    |

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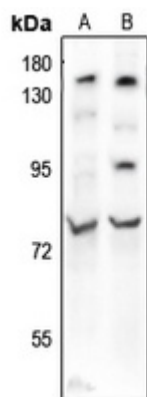
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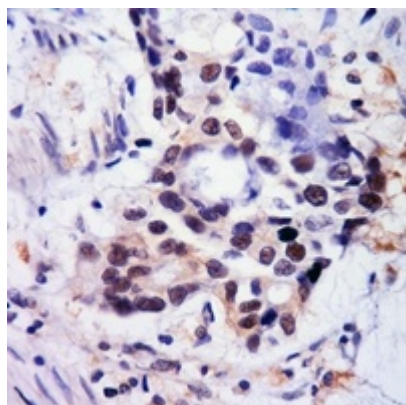
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**Expiration Date**

12 months from date of receipt.



Western blot analysis of BMAL1 (Acetyl-K538) expression in MG63 (A), U87MG (B) whole cell lysates. (Predicted band size: 68 kD; Observed band size: 78 kD)



Immunohistochemical analysis of BMAL1 (Acetyl-K538) staining in human stomach cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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