
Product Information

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| Product SKU: | CAB0580 | Gene ID: | 4149 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human |

Additional Information

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|-----------------------|-------|-------------------|--------------|
| Observed MW: | 22kDa | Conjugate: | Unconjugated |
| Calculated MW: | 18kDa | Isotype: | IgG |

Immunogen Information

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| Background: | The protein encoded by this gene is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Mutations of this gene have been reported to be associated with hereditary pheochromocytoma. A pseudogene of this gene is located on the long arm of chromosome 7. Alternative splicing results in multiple transcript variants. |
| Recommended Dilution: | WB:1:500 - 1:1000 |
| Synonyms: | bHLHd4; MAX |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human MAX (NP_002373.3). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3. |