

Product Information

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| Product SKU: | CAB14036 | Gene ID: | 5015 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Mouse,Rat |

Additional Information

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| Observed MW: | Refer to figures | Conjugate: | Unconjugated |
| Calculated MW: | 32kDa | Isotype: | IgG |

Immunogen Information

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| Background: | This gene encodes a member of the bicoid subfamily of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and plays a role in brain, craniofacial, and sensory organ development. The encoded protein also influences the proliferation and differentiation of dopaminergic neuronal progenitor cells during mitosis. Mutations in this gene cause syndromic microphthalmia 5 (MCOPS5) and combined pituitary hormone deficiency 6 (CPHD6). This gene is also suspected of having an oncogenic role in medulloblastoma. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Pseudogenes of this gene are known to exist on chromosomes two and nine. |
| Recommended Dilution: | IHC-P,1:50 - 1:100 IF/ICC,1:50 - 1:100 |
| Synonyms: | CPHD6; MCOPS5; OTX2 |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 140-280 of human OTX2 (NP_068374.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |