

## Product datasheet for **TA808680AM**

### **HPCAL4 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3C3]**

#### **Product data:**

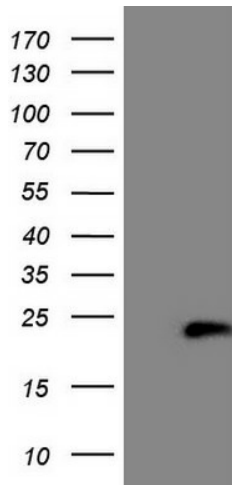
|                                |   |
|--------------------------------|---|
| <b>Product Type:</b>           | Primary Antibodies  |
| <b>Clone Name:</b>             | OTI3C3  |
| <b>Applications:</b>           | WB  |
| <b>Recommended Dilution:</b>   | WB 1:2000   |
| <b>Reactivity:</b>             | Human, Mouse, Rat   |
| <b>Host:</b>                   | Mouse   |
| <b>Isotype:</b>                | IgG1  |
| <b>Clonality:</b>              | Monoclonal  |
| <b>Immunogen:</b>              | Human recombinant protein fragment corresponding to amino acids 2-191 of human HPCAL4(NP_057341) produced in E.coli.  |
| <b>Formulation:</b>            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| <b>Concentration:</b>          | 0.5 mg/ml   |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| <b>Conjugation:</b>            | Biotin  |
| <b>Storage:</b>                | Store at -20°C as received.   |
| <b>Stability:</b>              | Stable for 12 months from date of receipt.  |
| <b>Predicted Protein Size:</b> | 22 kDa  |
| <b>Gene Name:</b>              | hippocalcin like 4  |
| <b>Database Link:</b>          | <a href="#">NP_057341</a><br><a href="#">Entrez Gene 51440 Human</a><br><a href="#">Q9UM19</a>  |
| <b>Background:</b>             | The protein encoded by this gene is highly similar to human hippocalcin protein and hippocalcin like-1 protein. It also has similarity to rat neural visinin-like Ca <sup>2+</sup> -binding protein-type 1 and 2 proteins. This encoded protein may be involved in the calcium-dependent regulation of rhodopsin phosphorylation. The transcript of this gene has multiple polyadenylation sites. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013] |



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Synonyms: HLP4

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HPCAL4 ([RC205253], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HPCAL4 (1:2000). Positive lysates [LY414097] (100ug) and [LC414097] (20ug) can be purchased separately from OriGene.