

## Product datasheet for **TA806308BM**

### **HOMER2 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4D4]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4D4
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human HOMER2 (NP_004830) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
<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>	HRP
<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>	39.3 kDa
<b>Gene Name:</b>	homer scaffolding protein 2
<b>Database Link:</b>	<a href="#">NP_004830</a> <a href="#">Entrez Gene 26557 Mouse</a> <a href="#">Entrez Gene 29547 Rat</a> <a href="#">Entrez Gene 9455 Human</a> <a href="#">Q9NSB8</a>
<b>Background:</b>	This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function. The encoded protein is a postsynaptic density scaffolding protein. Alternative splicing results in multiple transcript variants. Two related pseudogenes have been identified on chromosome 14. [provided by RefSeq, Jun

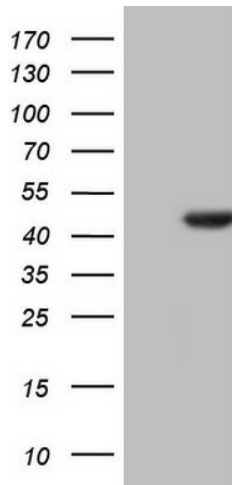


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**Synonyms:** ACPD; CPD; DFNA68; HOMER-2; VESL-2

**Protein Families:** Druggable Genome

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HOMER2 ([RC204165], 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-HOMER2. Positive lysates [LY401516] (100ug) and [LC401516] (20ug) can be purchased separately from OriGene.