

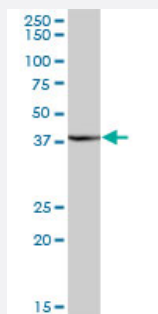
MaxPab®

# HOMER1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009456-B01P

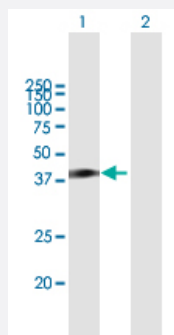
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

HOMER1 MaxPab polyclonal antibody. Western Blot analysis of HOMER1 expression in rat brain.



### Western Blot (Transfected lysate)

Western Blot analysis of HOMER1 expression in transfected 293T cell line ([H00009456-T01](#)) by HOMER1 MaxPab polyclonal antibody.

Lane 1: HOMER1 transfected lysate(38.94 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human HOMER1 protein.

### Immunogen

HOMER1 (NP\_004263, 1 a.a. ~ 354 a.a) full-length human protein.

### Sequence

MGEQPIFSTRAHVFQIDPNTKKNWVPTSKHAVTVSYFYDSTRNVYRIISLDGSKAIINSTITPNMTFTK  
TSQKFGQWADSRANTVYGLGFSSEHHLSKFAEKQEFKEAARLAKEKSQEKMELTSTPSQESA  
GGDLQSPLTPESINGTDDERTPDVTQNSEPRAEPTQNALPFSHSSAISKHWEAELATLKGNNAKL  
TAALLESTANVKQWKQQLAAYQEEAERLHKRVTELECVSSQANAVHHTKTELNQTIQELEEETLKL  
KEEEIERLKQEIDNARELQEQRDSLQKLQVEVEIRNKDLEGQLSDLEQRLEKSQNEQEAFRNNLK  
TLLEILDGKIFELTELRDNLAKLLECS

### Host

Mouse

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Reactivity                    | Human, Rat                                                               |
| Interspecies Antigen Sequence | Mouse (98); Rat (94)                                                     |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer                | In 1x PBS, pH 7.4                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

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[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — HOMER1

|                     |                                                |
|---------------------|------------------------------------------------|
| Entrez GeneID       | <a href="#">9456</a>                           |
| GeneBank Accession# | <a href="#">NM_004272</a>                      |
| Protein Accession#  | <a href="#">NP_004263</a>                      |
| Gene Name           | HOMER1                                         |
| Gene Alias          | HOMER, HOMER1A, HOMER1B, HOMER1C, SYN47, Ves-1 |
| Gene Description    | homer homolog 1 (Drosophila)                   |
| Omim ID             | <a href="#">604798</a>                         |
| Gene Ontology       | <a href="#">Hyperlink</a>                      |

**Gene Summary**

This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function. [provided by RefSeq]

**Other Designations**

OTTHUMP00000165782|homer 1|homer, neuronal immediate early gene, 1

## Disease

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- [Cocaine-Related Disorders](#)
- [Depressive Disorder](#)
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- [Hallucinations](#)
- [Mental Disorders](#)
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