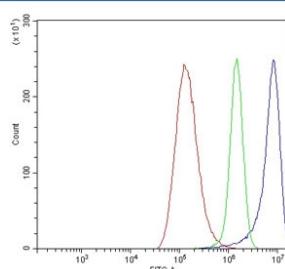


## HOMER1 Antibody / SYN47 (RQ6488)

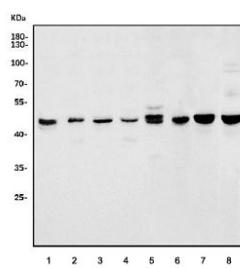
Catalog No.	Formulation	Size
RQ6488	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q86YM7
<b>Applications</b>	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This HOMER1 antibody is available for research use only.



Flow cytometry testing of human A549 cells with HOMER1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HOMER1 antibody.



Western blot testing of human 1) HepG2, 2) COLO-320, 3) Jurkat, 4) K562, 5) A549, 6) U-87 MG, 7) rat brain and 8) mouse brain lysate with HOMER1 antibody. Expected molecular weight: 40-50 kDa.

## Description

Homer protein homolog 1 or Homer1 is a neuronal protein that in humans is encoded by the HOMER1 gene. This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function.

## Application Notes

Optimal dilution of the HOMER1 antibody should be determined by the researcher.

## Immunogen

An E. coli-derived human protein (amino acids D135-S354) was used as the immunogen for the HOMER1 antibody.

## Storage

After reconstitution, the HOMER1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.