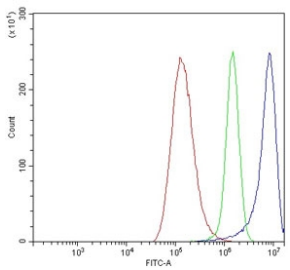
HOMER1 Antibody / SYN47 (RQ6488)

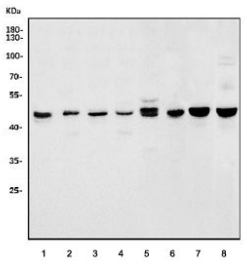
Catalog No.	Formulation	Size
RQ6488	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q86YM7
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	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 metabotrophic 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.

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