

Rabbit anti-Human HOMER1 Polyclonal Antibody | anti-HOMER1 antibody

HOMER1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283311	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

HOMER1; Polyclonal Antibody; HOMER1 Rabbit pAb; HOMER; SYN47; Ves-1; HOMER1A; HOMER1B; HOMER1C; anti-HOMER1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	SQKFGQWADS RANTVYGLGF SSEHLSKFA EKQEFKEAA RLAKEKSQEK MELTSTPSQE SAGGDLQSPL TPESINGTDD ERTPDVTQNS EPRAEPTQNA
Applicable Applications for anti-HOMER1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 71-170 of human HOMER1 (NP_004263.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of SH-SY5Y cells using HOMER1 Rabbit pAb (AAA283311) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from Mouse brain using HOMER1 Rabbit pAb (AAA283311) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-HOMER1 antibody	This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function.
Product Categories/Family for anti-HOMER1 antibody	Neuroscience; Cell Type Marker; Neuron marker; Synapse marker; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38604765
NCBI GeneID	9456
UniProt Accession #	Q86YM7; O96003; Q86YM5; B2R688
Molecular Weight	Calculated MW: 40kDa Observed MW: 46kDa
UniProt Protein Name	Homer protein homolog 1
UniProt Gene Name	HOMER1
UniProt Synonym Gene Names	SYN47; Homer-1
UniProt Entry Name	HOME1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/homer1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283311>