

Rabbit HOMER1 Polyclonal Antibody | anti-HOMER1 antibody

HOMER1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284209	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

HOMER1; Polyclonal Antibody; HOMER1 Antibody (N-term); Homer protein homolog 1; Homer-1; SYN47; anti-HOMER1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HOMER1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-122 amino acids from the N-terminal region of human HOMER1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	96-122
Sequence Length	224
Applicable Applications for anti-HOMER1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

HOMER1 Antibody (N-term) flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma with HOMER1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of HOMER1 antibody (N-term) in HepG2 cell line lysates (35ug/lane).
HOMER1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HOMER1 antibody	HOMER1 is 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
References	Sanna,S., Jackson,A.U. Nat. Genet. 40 (2), 198-203 (2008) Dahl,J.P., Kampman,K.M. Psychiatr. Genet. 15 (4), 277-283 (2005) Tu,J.C., Xiao,B. Neuron 23 (3), 583-592 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	459215038
NCBI GeneID	9456
NCBI Accession #	NP_001264006.1; NP_001264007.1; NP_004263.1
NCBI GenBank Nucleotide #	NM_001277077.1
UniProt Accession #	Q86YM7; O96003; Q86YM5; B2R688
Molecular Weight	40277
NCBI Official Full Name	homer protein homolog 1 isoform 2
NCBI Official Synonym Full Names	homer scaffolding protein 1
NCBI Official Symbol	HOMER1
NCBI Official Synonym Symbols	HOMER; SYN47; Ves-1; HOMER1A; HOMER1B; HOMER1C
NCBI Protein Information	homer protein homolog 1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/homer1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284209>