
Product Name: KD-Validated Homer Scaffold Protein 1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01788**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 40.3kDa

Antigen Information

Gene Name	HOMER1
Alternative Names	HOMER1; Homer Scaffold Protein 1; SYN47; Ves-1; Homer Scaffolding Protein 1; Homer Protein Homolog 1; HOMER-1B; Homer-1; Homer, Neuronal Immediate Early Gene, 1; Homer Homolog 1 (Drosophila); Homer Homolog 1; HOMER1A; HOMER1B; HOMER1C; HOMER
Gene ID	9456.0
SwissProt ID	Q86YM7
Immunogen	A synthesized peptide derived from human Homer1

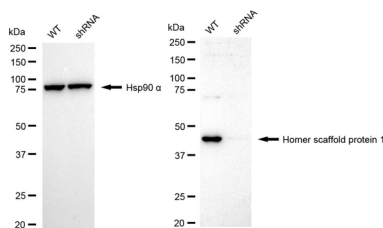
Background

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, Jul 2008]

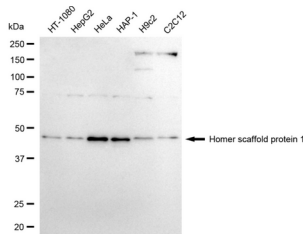
Research Area

Neuroscience

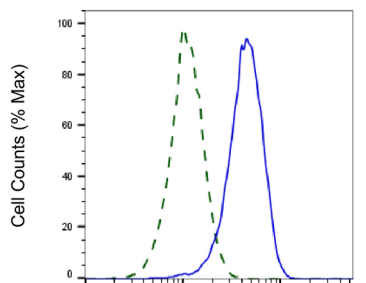
Image Data



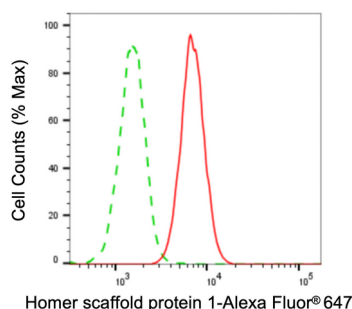
Western blotting analysis using homer scaffold protein 1 antibody (KVA01788). Homer scaffold protein 1 expression in wild type (WT) and homer scaffold protein 1 (HOMER1) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with homer scaffold protein 1 antibody (KVA01788, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using homer scaffold protein 1 antibody (KVA01788). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with homer scaffold protein 1 antibody (KVA01788, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Validation of Homer scaffold protein 1 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with Homer scaffold protein 1 antibody (KVA01788, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of homer scaffold protein 1 expression in HAP-1 cells using homer scaffold protein 1 antibody (KVA01788, 1:2,000). Green, isotype control; red, Homer scaffold protein 1.