

Product Datasheet

HOMER2 Antibody - Azide and BSA Free H00009455-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00009455-B01P

HOMER2 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

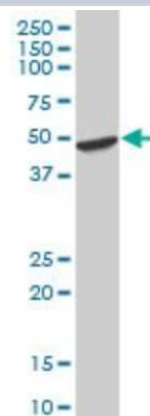
Product Description	
Host	Mouse
Gene ID	9455
Gene Symbol	HOMER2
Species	Human, Mouse, Rat
Specificity/Sensitivity	HOMER2 - homer homolog 2 (Drosophila),
Immunogen	HOMER2 (NP_004830.2, 1 a.a. - 343 a.a.) full-length human protein. MGEQPIFTTRAHVFIQIDPNTKKNWMPASKQAVTVSYFYDVTRNSYRIISVDGAK VIINSTITPNMTFTKTSQKFGQWADSRANTVFGLGFSSEQQLTKFAEKFQEVKE AAKIAKDKTQEKIETSSNHSQASSVNGTDDEKASHAGPANTHLKSENDKLIKIAL TQSAANVKKWEIELQTLRESNARLTALQESAASVEQWKRQFSICRDENDRLR NKIDEELEEQCSEINREKEKNTQLKRRIEELEAELREKETELKDLRKQSEIIPQLMS ECEYVSEKLEAAERDNQNLEDKVRSLKTDIEESKYRQRHLKVELKSFLEVLDGK IDDLHDFRRGLSKLGTDN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:500
Application Notes	Antibody reactive against tissue lysate and transfected lysate in western blot. May also be used for ELISA.

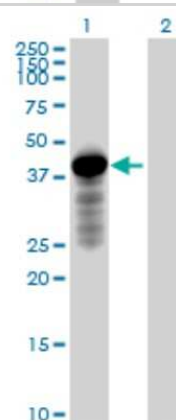


Images

Western Blot: HOMER2 Antibody [H00009455-B01P] - Analysis of HOMER2 expression in rat brain.



Western Blot: HOMER2 Antibody [H00009455-B01P] - Analysis of HOMER2 expression in transfected 293T cell line by HOMER2 polyclonal antibody. Lane 1: HOMER2 transfected lysate(37.73 KDa). Lane 2: Non-transfected lysate.



Publications

Murray C, Loweth J, Milovanovic M et al. AAMPA receptor and metabotropic glutamate receptor 1 adaptations in the nucleus accumbens core during incubation of methamphetamine craving. *Neuropsychopharmacology*. 2019-05-30 [PMID: 31146278]

Conor M, Andrew G, Alex K et al. CaMKII modulates diacylglycerol lipase-? activity in the rat nucleus accumbens after incubation of cocaine craving. *eNeuro*. 2021-09-17 [PMID: 34544759]

Conor M, Daniel C, Mike M et al. mGlu5 function in the nucleus accumbens core during the incubation of methamphetamine craving. *Neuropharmacology*. 2021-01-12 [PMID: 33444640]

Liao YH, Wang YH, Sun LH et al. mGluR5 upregulation and the effects of repeated methamphetamine administration and withdrawal on the rewarding efficacy of ketamine and social interaction. *Toxicol Appl Pharmacol* 2018-09-26 [PMID: 30267744]

Loweth Jessica A, Scheyer Andrew F, Milovanovic Mike et al. Synaptic depression via mGluR1 positive allosteric modulation suppresses cue-induced cocaine craving. *Nat Neurosci*. 2014-01-01 [PMID: 24270186] (WB)



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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP1-99043-50ug	Recombinant Human HOMER2 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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