Datasheet for ABIN522914

anti-HOMER2 antibody (AA 1-343)

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Overview

Quantity:	50 µg
Target:	HOMER2
Binding Specificity:	AA 1-343
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This HOMER2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human HOMER2 protein.
Immunogen:	HOMER2 (NP_004830.2, 1 a.a. ~ 343 a.a) full-length human protein.
Sequence:	MGEQPIFTTR AHVFQIDPNT KKNWMPASKQ AVTVSYFYDV TRNSYRIISV DGAKVIINST ITPNMTFTKT SQKFGQWADS RANTVFGLGF SSEQQLTKFA EKFQEVKEAA KIAKDKTQEK IETSSNHSQA SSVNGTDDEK ASHAGPANTH LKSENDKLKI ALTQSAANVK KWEIELQTLR ESNARLTTAL QESAASVEQW KRQFSICRDE NDRLRNKIDE LEEQCSEINR EKEKNTQLKR RIEELEAELR EKETELKDLR KQSEIIPQLM SECEYVSEKL EAAERDNQNL EDKVRSLKTD IEESKYRQRH LKVELKSFLE VLDGKIDDLH DFRRGLSKLG TDN
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody reactive against mammalian transfected lysate.

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Target Details

Target:	HOMER2
Alternative Name:	HOMER2 (HOMER2 Products)
Background:	Full Gene Name: homer homolog 2 (Drosophila) Synonyms: ACPD,CPD,HOMER-2,HOMER2A,HOMER2B,Vesl-2
Gene ID:	9455
NCBI Accession:	NM_004839
Pathways:	Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

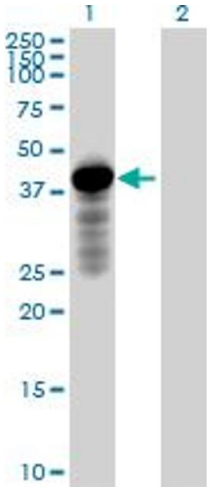
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Loweth, Scheyer, Milovanovic, LaCrosse, Flores-Barrera, Werner, Li, Ford, Le, Olive, Szumlinski, Tseng, Wolf: "Synaptic depression via mGluR1 positive allosteric modulation suppresses cue-induced cocaine craving." in: **Nature neuroscience**, Vol. 17, Issue 1, pp. 73-80, (2013) (PubMed).

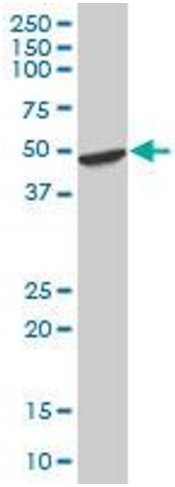


Western Blotting

Image 1. Western Blot analysis of HOMER2 expression in transfected 293T cell line by HOMER2 MaxPab polyclonal antibody.

Lane 1: HOMER2 transfected lysate(37.73 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. HOMER2 MaxPab polyclonal antibody. Western Blot analysis of HOMER2 expression in rat brain.