

Datasheet for ABIN2778651
anti-HOMER1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HOMER1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOMER1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HOMER1
Sequence:	QEQRDSLTKQ LQEVEIRNKD LEGQLSDLEQ RLEKSQNEQE AFRNNLKTLL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against HOMER1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HOMER1
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Target Details

Alternative Name:	HOMER1 (HOMER1 Products)
Background:	<p>HOMER1 is a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function. This gene encodes a member of the homer family of dendritic proteins. Members of this family regulate group 1 metabotropic glutamate receptor function.</p> <p>Alias Symbols: SYN47, Ves-1, HOMER, HOMER1A, HOMER1B, HOMER1C</p> <p>Protein Interaction Partner: C19orf57, C1orf116, HOMER3, UBC, Cdc16, Snw1, ABI3, AGAP2, SHANK1, GRM1, GRM5, FAT1, EFNB2, RYR2, RYR1, ITPR1, GRIA1, GRIK1, TANC1, DNM3, TRPC1, HOMER1, STX12, PARK2, TRPC5, TRPC2,</p> <p>Protein Size: 354</p>
Molecular Weight:	39 kDa
Gene ID:	9456
NCBI Accession:	NM_004272 , NP_004263
UniProt:	Q86YM7
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 354 AA
Restrictions:	For Research Use only

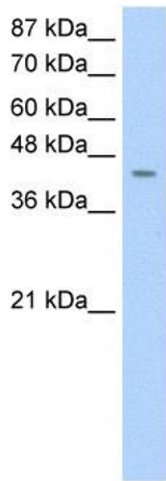
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HOMER1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Transfected 293T