

Datasheet for ABIN652274

anti-HOMER3 antibody (AA 281-308)[Go to Product page](#)**5** Images**1** Publication

Overview

Quantity:	400 µL
Target:	HOMER3
Binding Specificity:	AA 281-308
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOMER3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This HOMER3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-308 amino acids from the Central region of human HOMER3.
Clone:	RB21915
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HOMER3
Alternative Name:	HOMER3 (HOMER3 Products)

Target Details

Background: HOMER3 is a member of the HOMER family of postsynaptic density scaffolding proteins that share a similar domain structure consisting of an N-terminal Enabled/vasodilator-stimulated phosphoprotein homology 1 domain which mediates protein-protein interactions, and a carboxy-terminal coiled-coil domain and two leucine zipper motifs that are involved in self-oligomerization. This protein binds numerous other proteins including group I metabotropic glutamate receptors, inositol 1,4,5-trisphosphate receptors and amyloid precursor proteins and has been implicated in diverse biological functions such as neuronal signaling, T-cell activation and trafficking of amyloid beta peptides.

Molecular Weight: 39836

Gene ID: 9454

NCBI Accession: [NP_001139193](#), [NP_001139194](#), [NP_001139196](#), [NP_004829](#)

UniProt: [Q9NSC5](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

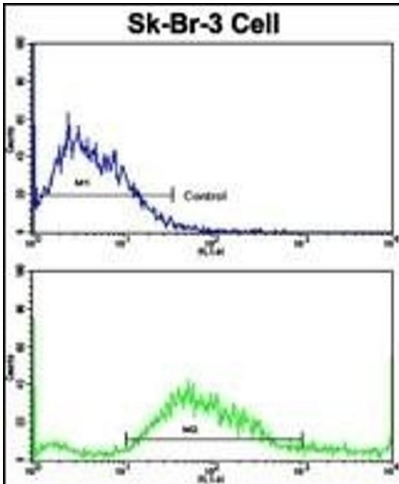
Expiry Date: 6 months

Publications

Product cited in: Shimobayashi, Wagner, Kapfhammer: "Carbonic Anhydrase 8 Expression in Purkinje Cells Is Controlled by PKC? Activity and Regulates Purkinje Cell Dendritic Growth." in: **Molecular**

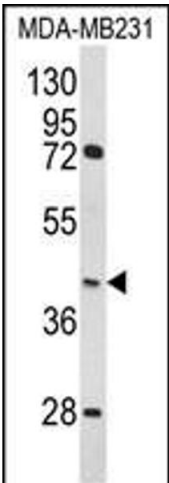
neurobiology, (2015) (PubMed).

Images



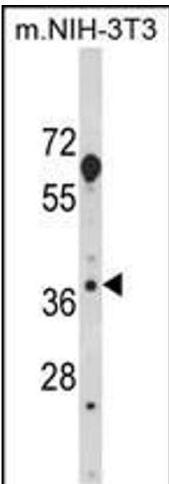
Flow Cytometry

Image 1. Flow cytometric analysis of SK-Br-3 cells using HOMER3 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of HOMER3 Antibody (Center) (ABIN652274 and ABIN2841157) in MDA-M cell line lysates (35 µg/lane).HOMER3 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of HOMER3 Antibody (Center) (ABIN652274 and ABIN2841157) in mouse NIH-3T3 cell line lysates (35 µg/lane).HOMER3 (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN652274.