

Datasheet for ABIN7043275  
**anti-HOMER3 antibody (Intracellular)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	50 µL
Target:	HOMER3
Binding Specificity:	AA 155-169, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOMER3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RSQSADAPGPTERER, corresponding to amino acid residues 155 - 169 of rat Homer3
Isotype:	IgG
Characteristics:	Anti-Homer3 Antibody (ABIN7043275, ABIN7045172 and ABIN7045173)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize Homer3 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

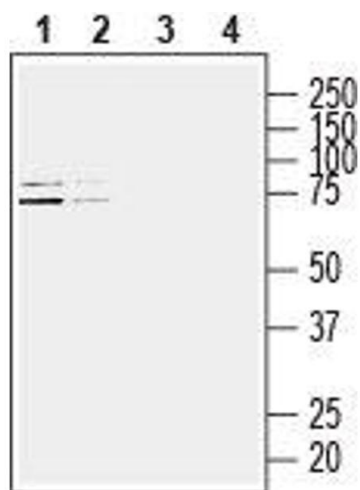
Target:	HOMER3
Alternative Name:	Homer3 ( <a href="#">HOMER3 Products</a> )
Background:	Alternative names: Homer3, Homer protein homolog 3, Homer scaffold protein 3, VESL3, Homer-3
Gene ID:	29548
NCBI Accession:	<a href="#">NM_001145721</a>
UniProt:	<a href="#">Q9Z2X5</a>

## Application Details

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

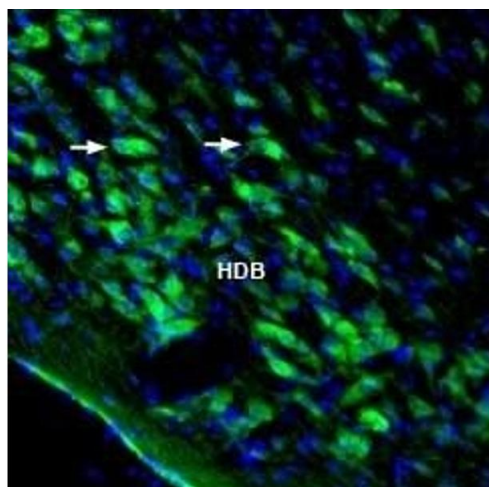
## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



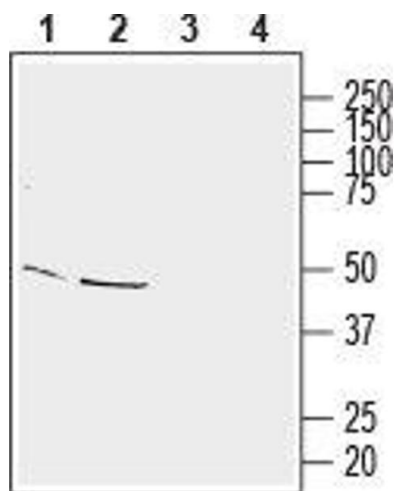
#### Western Blotting

**Image 1.** Western blot analysis of human Jurkat T-cell leukemia cell line (lanes 1 and 3) and human MCF-7 breast adenocarcinoma cell line (lanes 2 and 4) lysates: - 1,2. Anti-Homer3 Antibody (ABIN7043275, ABIN7045172 and ABIN7045173), (1:200).3,4. Anti-Homer3 Antibody, preincubated with Homer3 Blocking Peptide (#BLP-PZ028).



#### Immunohistochemistry

**Image 2.** Expression of Homer3 in rat nucleus basalis - Immunohistochemical staining of perfusion-fixed frozen rat brain sections with Anti-Homer3 Antibody (ABIN7043275, ABIN7045172 and ABIN7045173), (1:1000), followed by goat anti-rabbit-AlexaFluor-488. Homer3 immunoreactivity (green) appears in cells of the horizontal diagonal band (HDB), (arrows). Cell nuclei are stained with DAPI (blue).



#### Western Blotting

**Image 3.** Western blot analysis of mouse brain membranes (lanes 1 and 3) and rat brain lysate (lanes 2 and 4): - 1,2. Anti-Homer3 Antibody (ABIN7043275, ABIN7045172 and ABIN7045173), (1:200).3,4. Anti-Homer3 Antibody, preincubated with Homer3 Blocking Peptide (#BLP-PZ028).