

Datasheet for ABIN654727
anti-HOMEZ antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	HOMEZ
Binding Specificity:	AA 158-186, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOMEZ antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	This HOMEZ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 158-186 amino acids from the N-terminal region of human HOMEZ.
Clone:	RB28306
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HOMEZ
Alternative Name:	HOMEZ (HOMEZ Products)
Background:	May function as a transcriptional regulator.

Target Details

Molecular Weight:	61240
Gene ID:	57594
NCBI Accession:	NP_065885
UniProt:	Q8IX15

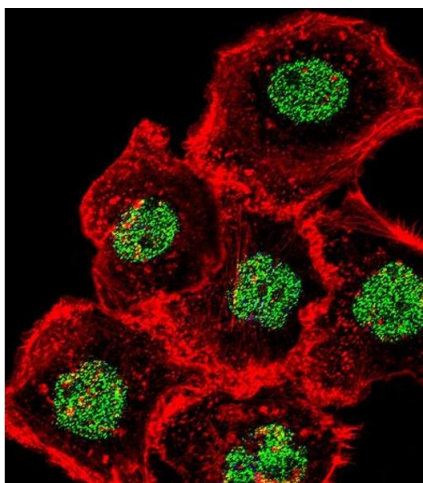
Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. 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

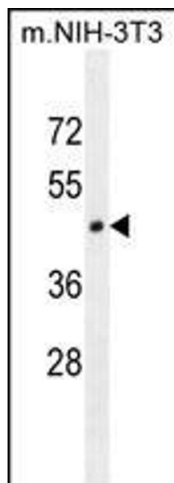
Images



Immunofluorescence

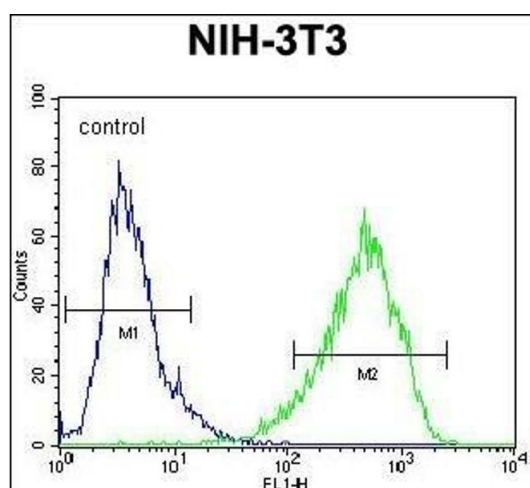
Image 1. Fluorescent confocal image of A431 cell stained with HOMEZ Antibody (N-term) (ABIN654727 and ABIN2844415). A431 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with HOMEZ primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa

Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). HOMEZ immunoreactivity is localized to Nucleus significantly.



Western Blotting

Image 2. HOMEZ Antibody (N-term) (ABIN654727 and ABIN2844415) western blot analysis in mouse NIH-3T3 cell line lysates (35 µg/lane). This demonstrates the HOMEZ antibody detected the HOMEZ protein (arrow).



Flow Cytometry

Image 3. HOMEZ Antibody (N-term) (ABIN654727 and ABIN2844415) flow cytometric analysis of NIH-3T3 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.