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Datasheet for ABIN651934
anti-BHLH3 antibody (N-Term)

5 Images

Overview

Quantity:	400 µL
Target:	BHLH3
Binding Specificity:	AA 17-46, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BHLH3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	This BHLH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human BHLH3.
Clone:	RB19405
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BHLH3
Alternative Name:	BHLH3 (BHLH3 Products)
Background:	BHLHE41 may be a transcriptional repressor that represses both basal and activated

Target Details

transcription.

Molecular Weight: 50498

Gene ID: 79365

NCBI Accession: [NP_110389](#)

UniProt: [Q9C0J9](#)

Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. WB: 1:2000. 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.

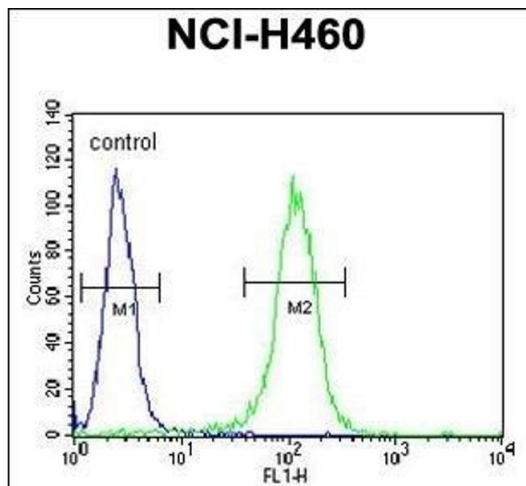
Preservative: Sodium azide

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

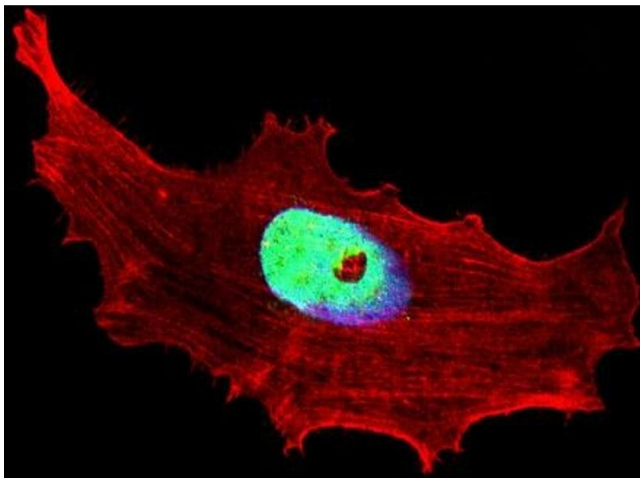
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



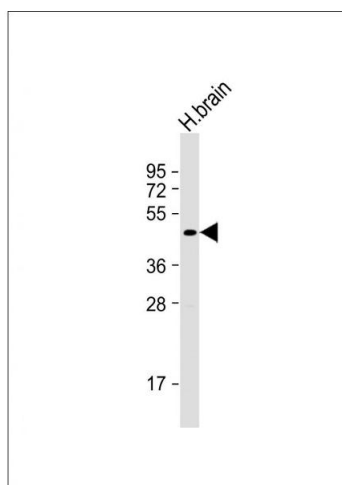
Flow Cytometry

Image 1. BHLH3 Antibody (N-term) (ABIN651934 and ABIN2840462) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Fluorescent confocal image of MCF-7 cell stained with BHLH3 Antibody (N-term) (ABIN651934 and ABIN2840462). MCF-7 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with BHLH3 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). BHLH3 immunoreactivity is localized to nucleus significantly.



Western Blotting

Image 3. Anti-BHLH3 Antibody (N-term) at 1:1000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN651934.