

Datasheet for ABIN7172718
anti-BACH2 antibody (AA 136-235)

2 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | BACH2 |
| Binding Specificity: | AA 136-235 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BACH2 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human Transcription regulator protein BACH2 protein (136-235AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | BACH2 |
| Alternative Name: | BACH2 (BACH2 Products) |
| Background: | Background: Transcriptional regulator that acts as repressor or activator (By similarity). Binds to Maf recognition elements (MARE) (By similarity). Plays an important role in coordinating |

Target Details

transcription activation and repression by MAFK (By similarity). Induces apoptosis in response to oxidative stress through repression of the antiapoptotic factor HMOX1 (PubMed:17018862). Positively regulates the nuclear import of actin (By similarity).

Aliases: Bach 2 antibody, Bach2 antibody, BACH2_HUMAN antibody, Basic leucine zipper transcription factor 2 antibody, BTB and CNC homolog 2 antibody, BTB and CNC homology 1 basic leucine zipper transcription factor 2 antibody, BTB domain and CNC homolog 2 antibody, BTBD25 antibody, OTTHUMP00000016867 antibody, OTTHUMP00000016868 antibody, OTTHUMP00000040591 antibody, Transcription regulator protein BACH2 antibody

UniProt: [Q9BYV9](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

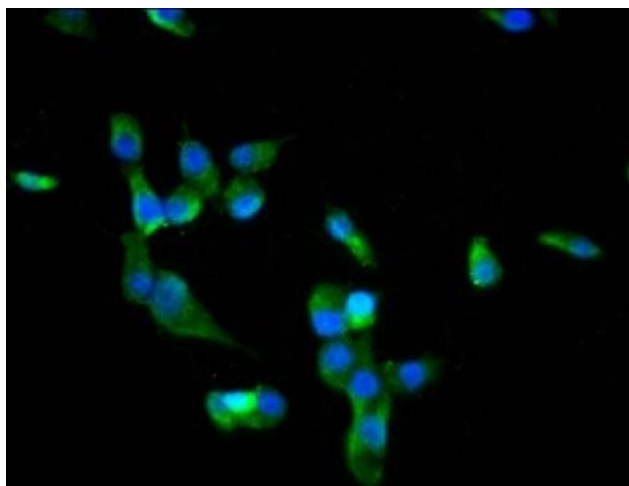
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

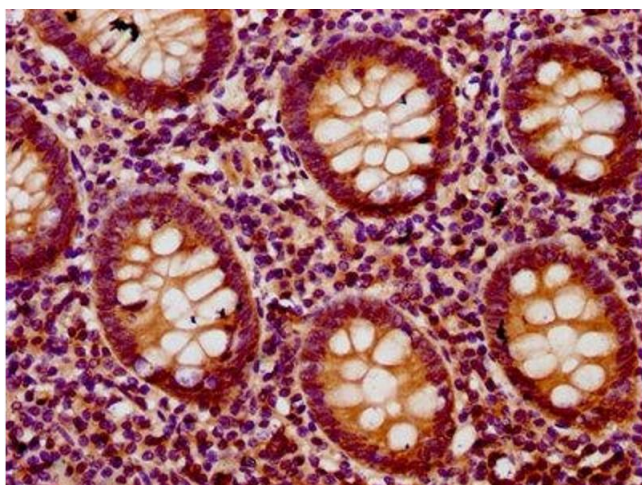
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of SH-SY5Y cells with ABIN7172718 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7172718 diluted at 1:200 and staining in paraffin-embedded human appendix tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.