

Datasheet for ABIN6257902

anti-IB2 antibody

4 Images

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Overview

| | |
|--------------|--|
| Quantity: | 100 µL |
| Target: | IB2 (JIP-2) |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IB2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|---|
| Immunogen: | A synthesized peptide |
| Isotype: | IgG |
| Specificity: | JIP2 Antibody detects endogenous levels of total JIP2 |
| Cross-Reactivity: | Human, Mouse (Murine), Rat (Rattus) |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

Target Details

| | |
|-------------------|---|
| Target: | IB2 (JIP-2) |
| Alternative Name: | JIP2 (JIP-2 Products) |

Target Details

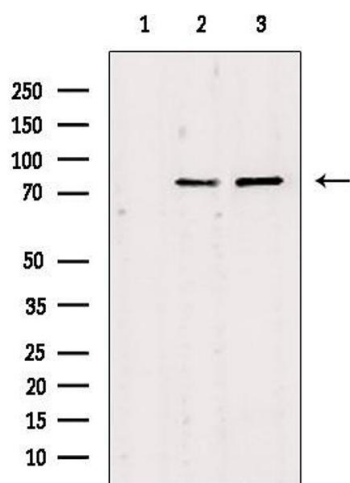
| | |
|-------------------|---|
| Background: | <p>Description: The JNK-interacting protein (JIP) group of scaffold proteins selectively mediates JNK signaling by aggregating specific components of the MAPK cascade to form a functional JNK signaling module. JIP2 inhibits IL1 beta-induced apoptosis in insulin-secreting cells. May function as a regulator of vesicle transport, through interactions with the JNK-signaling components and motor proteins (By similarity).</p> <p>Gene: MAPK8IP2</p> |
| Molecular Weight: | 87 kDa |
| Gene ID: | 23542 |
| UniProt: | Q13387 |

Application Details

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|--------------------|--|
| Application Notes: | WB 1:500~1:1000 IHC: 1:50~1:200 IF/ICC 1:100-1:500 |
| Restrictions: | For Research Use only |

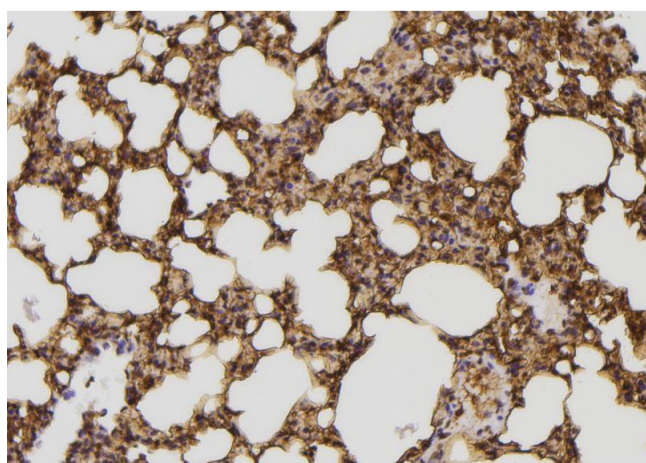
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| 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: | -20 °C |
| Storage Comment: | Store at -20 °C.Stable for 12 months from date of receipt |
| Expiry Date: | 12 months |



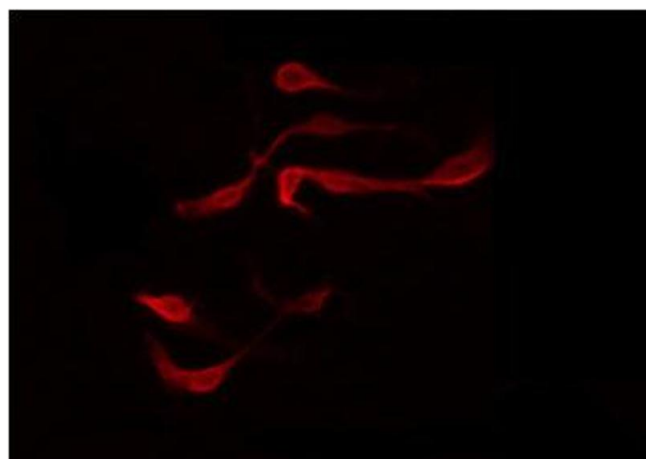
Western Blotting

Image 1. Western blot analysis of extracts from various samples, using JIP2 Antibody. Lane 1: HepG2 treated with antigen-specific peptide; Lane 2: HepG2; Lane 3: hela;



Immunohistochemistry

Image 2. ABIN6274337 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Immunofluorescence (fixed cells)

Image 3. ABIN6274337 staining U87 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6257902.