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Datasheet for ABIN3028519 anti-ABL1 antibody (AA 741-769)

5 Images



Overview

| Quantity: | 0.4 mL |
|----------------------|---|
| Target: | ABL1 |
| Binding Specificity: | AA 741-769 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ABL1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| Immunogen: | A portion of amino acids 741-769 from the human protein was used as the immunogen for this |
|---------------|--|
| | c-Abl antibody. |
| Isotype: | lg Fraction |
| Purification: | Purified |

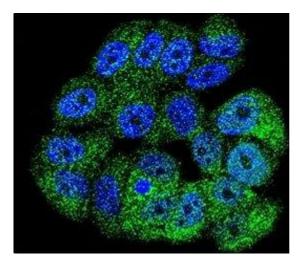
Target Details

| Target: | ABL1 |
|-------------------|--|
| Alternative Name: | C-Abl (ABL1 Products) |
| Background: | ABL1 is a cytoplasmic and nuclear protein tyrosine kinase that has been implicated in |
| | processes of cell differentiation, cell division, cell adhesion, and stress response. The DNA- |
| | binding activity of the ubiquitously expressed ABL1 tyrosine kinase is regulated by CDC2- |

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| Target Details | |
|---------------------------|---|
| | mediated phosphorylation, suggesting a cell cycle function for ABL1. |
| UniProt: | P00519 |
| Pathways: | Apoptosis, Regulation of Muscle Cell Differentiation, Platelet-derived growth Factor Receptor Signaling, Lipid Metabolism |
| Application Details | |
| Application Notes: | Titration of the c-Abl antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50 |
| Restrictions: Handling | For Research Use only |
| Format: | Liquid |
| Buffer: | In 1X PBS, pH 7.4, with 0.09 % 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: | -20 °C |
| Storage Comment: | Aliquot the c-Abl antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles. |

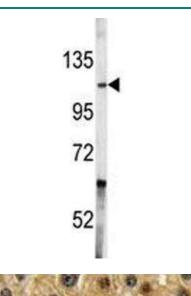
Images



Immunofluorescence

Image 1. Confocal immunofluorescent analysis of c-Abl antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

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Western Blotting

Image 2. Western blot analysis of c-Abl antibody and A2058

lysate. Predicted molecular weight ~120 kDa.

Immunohistochemistry

Image 3. IHC analysis of FFPE human hepatocarcinoma tissue stained with c-Abl antibody



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