Datasheet for ABIN7156223

# anti-IVNS1ABP antibody (AA 401-642)

2 Images

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | IVNS1ABP |
| Binding Specificity: | AA 401-642 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IVNS1ABP antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF) |

## Product Details

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| Immunogen: | Recombinant Human Influenza virus NS1A-binding protein (401-642AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Antigen Affinity Purified |

## Target Details

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|---|---|
| Target: | IVNS1ABP |
| Alternative Name: | IVNS1ABP (IVNS1ABP Products) |
| Target Type: | Influenza Protein |
| Background: | Background: Plays a role in cell division and in the dynamic organization of the actin skeleton as |

## Target Details

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| | a stabilizer of actin filaments by association with F-actin through Kelch repeats. Protects cells from cell death induced by actin destabilization, Protects neurons from dendritic spines and actin filaments damage induced by the actin-destabilizing cytochalasin B when overexpressed. Activates Erk signaling pathway when overexpressed in cultured cell lines (By similarity). May be a component of the cellular splicing machinery with a role in pre-mRNA splicing, may mediate the inhibition of splicing by NS/influenza virus NS1A protein. Functions as modifier of the AHR/Aryl hydrocarbon receptor pathway increasing the concentration of AHR available to activate transcription.<br>Aliases: IVNS1ABP antibody, ARA3 antibody, FLARA3 antibody, KIAA0850 antibody, KLHL39 antibody, NS1 antibody, NS1BP antibody, HSPC068 antibody, Influenza virus NS1A-binding protein antibody, NS1-BP antibody, NS1-binding protein antibody, Aryl hydrocarbon receptor-associated protein 3 antibody, Kelch-like protein 39 antibody |
| UniProt: | Q9Y6Y0 |
| Pathways: | Negative Regulation of intrinsic apoptotic Signaling |

## Application Details

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| Application Notes: | Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200, |
| Restrictions: | For Research Use only |

## Handling

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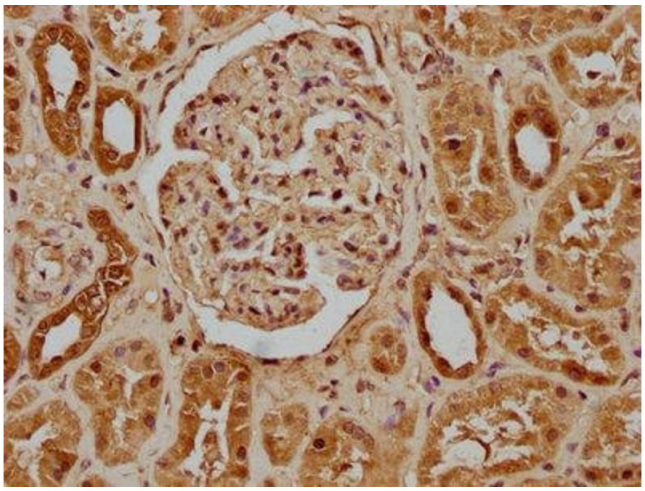
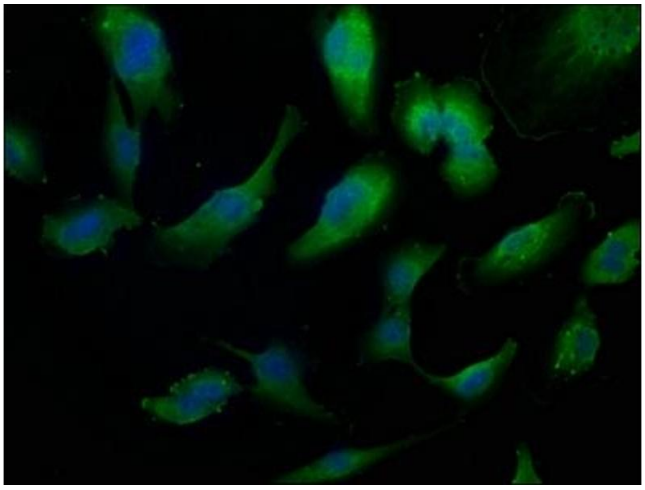
| Format: | Liquid |
| Buffer: | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4 |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |



## Immunohistochemistry

**Image 1.** IHC image of ABIN7156223 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM 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 30 min 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.



## Immunofluorescence

**Image 2.** Immunofluorescence staining of U251 cells with ABIN7156223 at 1:50, 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-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).