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Datasheet for ABIN7143861 anti-Ensa antibody (AA 1-121)

2 Images



Overview

| Quantity: | 100 µg |
|----------------------|--|
| Target: | Ensa (ENSA) |
| Binding Specificity: | AA 1-121 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Ensa antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| Immunogen: | Recombinant Human Alpha-endosulfine protein (1-121AA) |
|-------------------|---|
| lsotype: | lgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

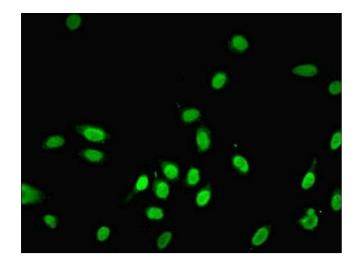
Target Details

| Target: | Ensa (ENSA) |
|-------------------|---|
| Alternative Name: | ENSA (ENSA Products) |
| Background: | Background: Protein phosphatase inhibitor that specifically inhibits protein phosphatase 2A |
| | (PP2A) during mitosis. When phosphorylated at Ser-67 during mitosis, specifically interacts |

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| Target Details | |
|---------------------|--|
| | with PPP2R2D (PR55-delta) and inhibits its activity, leading to inactivation of PP2A, an essential condition to keep cyclin-B1-CDK1 activity high during M phase.Also acts as a stimulator of insulin secretion by interacting with sulfonylurea receptor (ABCC8), thereby preventing sulfonylurea from binding to its receptor and reducing K(ATP) channel currents. Aliases: ENSAAlpha-endosulfine antibody, ARPP-19e antibody |
| UniProt: | 043768 |
| Application Details | |
| Application Notes: | Recommended dilution: IHC:1:20-1:200, 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. |

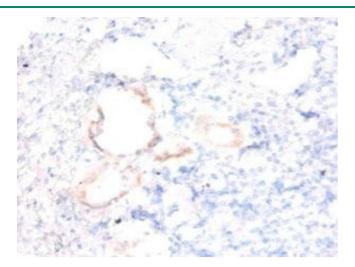
Images



Immunofluorescence

Image 1. Immunofluorescent analysis of Hela cells using ABIN7143861 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

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Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7143861 at dilution of 1:50

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