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Datasheet for ABIN5005422

anti-INPPL1 antibody (pTyr1135) (Alexa Fluor 680)

Overview

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| Quantity: | 100 µL |
| Target: | INPPL1 |
| Binding Specificity: | pTyr1135 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This INPPL1 antibody is conjugated to Alexa Fluor 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic phosphopeptide derived from human SHIP2 around the phosphorylation site of Tyr1135 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Dog,Cow,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | INPPL1 |
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Target Details

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|-------------------|---|
| Alternative Name: | INPPL1 (INPPL1 Products) |
| Background: | <p>Synonyms: 4, 5-trisphosphate 5-phosphatase 2, 51C protein, EC 3.1.3.n1, inositol polyphosphate phosphatase like 1, Inositol polyphosphate phosphatase like protein 1, Inositol polyphosphate phosphatase-like protein 1, INPPL-1, INPPL1, Phosphatidylinositol 3, Phosphatidylinositol 3,4,5 trisphosphate 5 phosphatase 2, Protein 51C, SH2 domain containing inositol 5' phosphatase 2, SH2 domain-containing inositol 5"-phosphatase 2, SH2 domain-containing inositol phosphatase 2, SHIP-2, SHIP2, SHIP2_HUMAN.</p> <p>Background: The steady state of protein tyrosyl phosphorylation in cells is regulated by the opposing action of tyrosine kinases and protein tyrosine phosphatases (PTPs). Several groups have independently identified a non transmembrane PTP, designated SHPTP1 (also known as PTP1C, HCP and SHP), which is primarily expressed in hematopoietic cells and characterized by the presence of two SH2 domains N terminal to the PTP domain. A second and much more widely expressed PTP with SH2 domains, SHPTP2 (also designated PTP1D and Syp), has been identified. SHP2 is a protein tyrosine phosphatase that is widely expressed and plays a regulatory role in various cell signaling events that are important for many cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration.</p> |
| Gene ID: | 3636 |
| Pathways: | Platelet-derived growth Factor Receptor Signaling |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |

Handling

handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months