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Datasheet for ABIN6989474
anti-SOCS6 antibody (AA 21-120)

Overview

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| Quantity: | 100 µL |
| Target: | SOCS6 |
| Binding Specificity: | AA 21-120 |
| Reactivity: | Mouse, Chicken |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SOCS6 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human SOCS6 |
| Isotype: | IgG |
| Cross-Reactivity: | Chicken, Mouse |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | SOCS6 |
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Target Details

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| Alternative Name: | SOCS6 (SOCS6 Products) |
| Background: | <p>Synonyms: CIS-4, CIS4, Cish4, Cytokine inducible SH2 protein 4, Cytokine-inducible SH2 protein 4, HSPC060, SOCS-4, SOCS-6, SOCS4, Socs6, SOCS6_HUMAN, SSI4, STAI4, STAT induced STAT inhibitor 4, STAT4, STATI4, Suppressor of cytokine signaling 4, Suppressor of cytokine signaling 6.</p> <p>Background: The protein encoded by this gene contains a SH2 domain and a CIS homolog domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (SSI), protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by GM-CSF and EPO in hematopoietic cells. A high expression level of this gene was found in factor-independent chronic myelogenous leukemia (CML) and erythroleukemia (HEL) cell lines. [provided by RefSeq, Jul 2008].</p> |
| Gene ID: | 9306 |
| UniProt: | O14544 |
| Pathways: | JAK-STAT Signaling , Carbohydrate Homeostasis |

Application Details

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| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |

Handling

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| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |