

Anti-Human/Mouse/Rat CISH Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA04805**

3th Edition

Description:CISH (Cytokine Inducible SH2 Containing Protein) is a Protein Coding gene. Diseases associated with CISH include Bacteremia and Mycobacterium Tuberculosis, Susceptibility To Mycobacterium Tuberculosis, Protection Against, Included. Among its related pathways are Development EPO-induced Jak-STAT pathway and Common Cytokine Receptor Gamma-Chain Family Signaling Pathways. GO annotations related to this gene include protein kinase inhibitor activity. An important paralog of this gene is SOCS2. The protein encoded by this gene contains a SH2 domain and a SOCS box 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 IL2, IL3, GM-CSF and EPO in hematopoietic cells. Proteasome-mediated degradation of this protein has been shown to be involved in the inactivation of the erythropoietin receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Antigen:Synthetic peptide from human protein

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Expressed in various epithelial tissues. Abundantly expressed in liver and kidney, and to a lesser extent in lung. The tissue distribution of isoforms 1 and 1B is distinct.