

# PRODUCT DATA SHEET

Bioworld Technology,Inc.

# **CISH** polyclonal antibody

Catalog: BS60072 Host: Rabbit Reactivity: Human, Mouse, Rat

#### **BackGround:**

Src homology (SH2) domains are noncatalytic sequences that are conserved among a number of cytoplasmic signaling proteins. These signaling proteins are directly regulated by receptor tyrosine kinases and control the activation of mitogenic signal transduction pathways by such receptors. For instance, ligand-induced activation of the EGF and PDGF receptors induces dimerization, triggers receptor autophosphorylation on tyrosine residues and results in the binding of a number of cytoplasmic SH2 domain proteins such as PLC-g1, Ras GAP and PI 3-kinase p85to the activated receptors. The Shc gene encodes proteins with a single SH2 domain but no identifiadomain. ble catalytic CIS. cytokine-inducible SH2-containing protein, is a 267 amino acid protein with a single 96 amino acid SH2 domain that associates the tyrosine-phosphorylated beta chain of the IL-3 receptor with the tyrosine-phosphorylated Epo receptor. CIS was initially described as an immediate early cytokine-responsive gene and appears to be a unique regulator of cytokine signaling.

#### **Product:**

1 mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

#### **Molecular Weight:**

~ 29 kDa

# **Swiss-Prot:**

Q9NSE2

### **Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

#### **Applications:**

WB: 1:500~1:1000

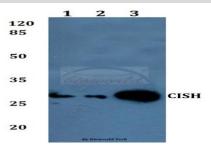
## **Storage&Stability:**

Store at  $4 \,\mathrm{C}$  short term. Aliquot and store at  $-20 \,\mathrm{C}$  long term. Avoid freeze-thaw cycles.

## **Specificity:**

CISH polyclonal antibody detects endogenous levels of CISH protein.

#### **DATA:**



Western blot (WB) analysis of CISH polyclonal antibody at 1:500 diluctors  $\dot{}$ 

Lane1:MCF-7 whole cell lysate

Lane2:Mouse brain tissue lysate

Lane3:PC12 whole cell lysate

#### Note:

For research use only, not for use in diagnostic procedure.

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