

## Product datasheet for TA340387

### Cish Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Cish antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: RESGWYWGSITASEARQHLQKMPEGTFLVRDSTHPSYLFVLSVKTTTRGPT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	cytokine inducible SH2-containing protein
Database Link:	<a href="#">NP_034025</a> <a href="#">Entrez Gene 12700 Mouse</a> <a href="#">Q62225</a>



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**Background:** SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. CIS is involved in the negative regulation of cytokines that signal through the JAK-STAT5 pathway such as erythropoietin, prolactin and interleukin 3 (IL3) receptor. Inhibits STAT5 trans-activation by suppressing its tyrosine phosphorylation. May be a substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.

**Synonyms:** CIS; CIS-1; G18; SOCS

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%

### Product images:



WB Suggested Anti-Cish Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Mouse Heart