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Datasheet for ABIN2855921

anti-SOCS5 antibody (N-Term)

4 Images

2 Publications

Overview

Quantity:	100 µL
Target:	SOCS5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human SOCS5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat (Rattus), Pig (Porcine), Chicken, Rhesus Monkey, Cow (Bovine)
Cross-Reactivity (Details):	Rat (100 %), Pig (100 %), Chicken (100 %), Rhesus Monkey (100 %), Bovine (100 %)
Characteristics:	Rabbit Polyclonal antibody to SOCS5 (suppressor of cytokine signaling 5) SOCS5 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SOCS5
Alternative Name:	SOCS5 (SOCS5 Products)
Background:	The protein encoded by this gene contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS) family, also known as STAT-induced STAT inhibitor (SSI) protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The specific function of this protein has not yet been determined. Two alternatively spliced transcript variants encoding an identical protein have been reported.
Molecular Weight:	61 kDa
Gene ID:	9655
Pathways:	JAK-STAT Signaling , EGFR Signaling Pathway , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: Molt-4 , NT2D1 , PC-3 , mouse testis
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 40 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

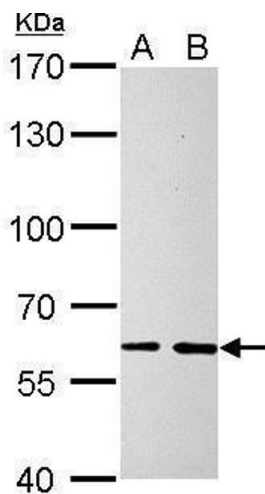
cycles.

Publications

Product cited in:

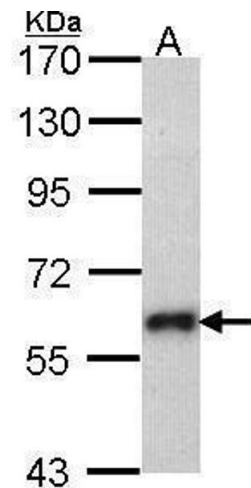
Wei, Ngo, Wu, Lee: "Phosphorylation of the Ndc80 complex protein, HEC1, by Nek2 kinase modulates chromosome alignment and signaling of the spindle assembly checkpoint." in: **Molecular biology of the cell**, Vol. 22, Issue 19, pp. 3584-94, (2012) ([PubMed](#)).

Images



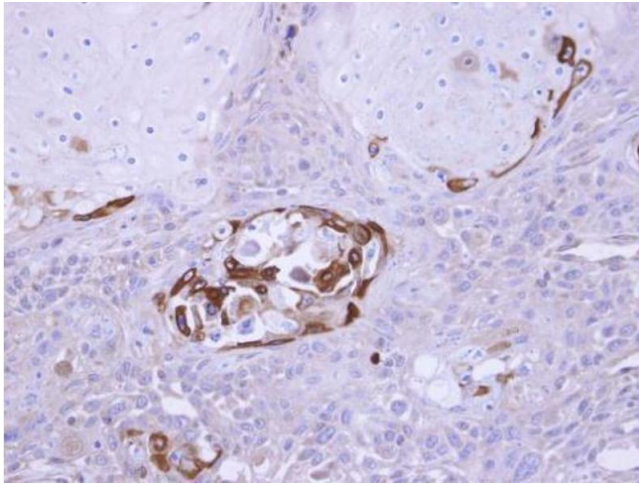
Western Blotting

Image 1. WB Image SOCS5 antibody detects SOCS5 protein by Western blot analysis. A. 30 µg NT2D1 whole cell lysate/extract B. 30 µg PC-3 whole cell lysate/extract 7.5 % SDS-PAGE SOCS5 antibody , dilution: 1:500



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: Molt-4 , 7.5% SDS PAGE SOCS5 antibody antibody diluted at 1:1000



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded Ca922 xenograft, using SOCS5, antibody at 1:100 dilution.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2855921.