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Datasheet for ABIN6148271  
**anti-SOCS5 antibody (AA 1-140)**

4 Images

Overview

Quantity:	100 µL
Target:	SOCS5
Binding Specificity:	AA 1-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOCS5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human SOCS5 (NP_054730.1).
Sequence:	MDKVGKMWNN FKYRCQNLFG HEGGSRSENV DMNSNRCLSV KEKNISIGDS TPQQSSPLR ENIALQLGLS PSKNSSRRNQ NCATEIPQIV EISIEKDNDV CVTPGTRLAR RDSYSRHAPW GGKKKHSCST KTQSSLDADK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SOCS5
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## Target Details

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Alternative Name:	SOCS5 ( <a href="#">SOCS5 Products</a> )
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.,SOCS5,CIS6,CISH6,Cish5,SOCS-5,Signal Transduction,Immunology & Inflammation,Cytokines,Interleukins,IL-6 Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,SOCS5
Molecular Weight:	61 kDa
Gene ID:	9655
UniProt:	<a href="#">O75159</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

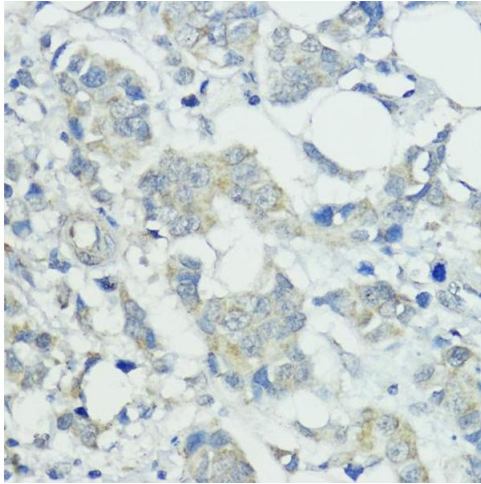
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

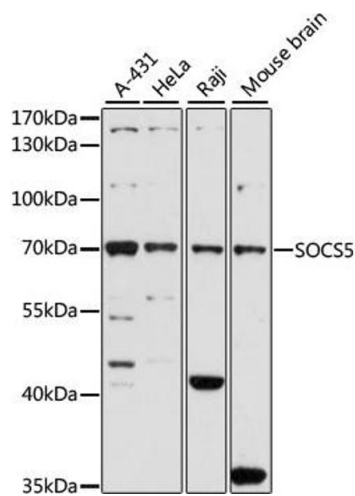
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



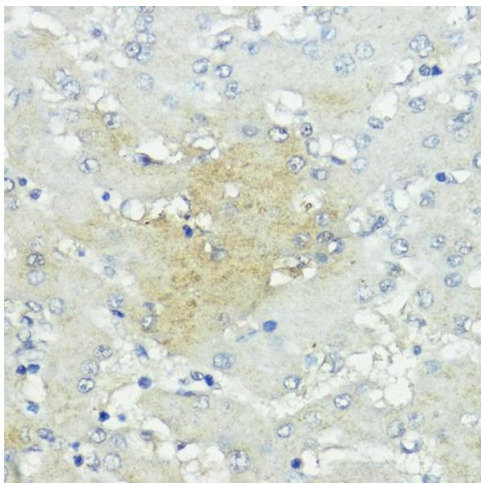
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human mammary cancer using SOCS5 antibody (ABIN6128734, ABIN6148271, ABIN6148272 and ABIN6223959) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using SOCS5 antibody (ABIN6128734, ABIN6148271, ABIN6148272 and ABIN6223959) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human liver cancer using SOCS5 antibody (ABIN6128734, ABIN6148271, ABIN6148272 and ABIN6223959) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6148271.