

Rabbit CISH Polyclonal Antibody | anti-CISH antibody

Anti-CISH antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45192	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

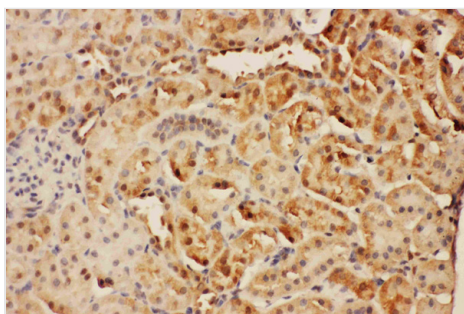
PRODUCT SYNONYMS

CISH; Polyclonal Antibody; Anti-CISH antibody; Cytokine-inducible SH2-containing protein(CIS); cytokine inducible SH2-containing protein; BACTS2 antibody; cis 1 antibody; CIS antibody; CIS-1 antibody; CIS1 antibody; CISH antibody; CISH_HUMAN antibody; Cytokine inducible inhibitor of signaling type 1B antibody; Cytokine inducible SH2 containing protein antibody; Cytokine-inducible SH2-containing protein antibody; G18 antibody; Protein G18 antibody; SOCS antibody; Suppressor of cytokine signaling antibody; anti-CISH antibody

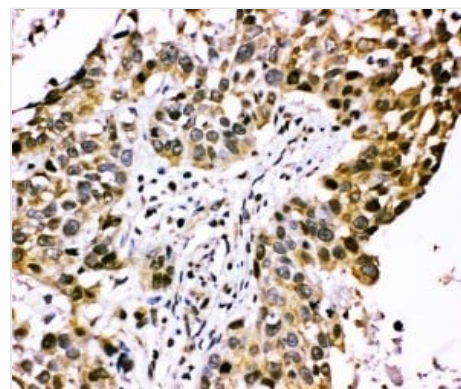
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	258
Applicable Applications for anti-CISH antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CISH (241-258aa LPLPRRMADYLRQYPFQL), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

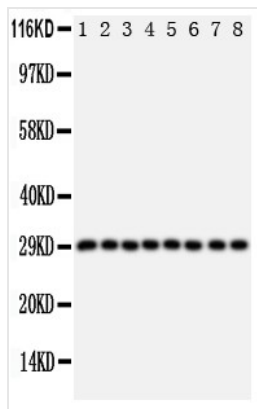
IMAGES



IHC (Immunohistochemistry)
Anti-CISH antibody, AAA45192, IHC(P)IHC(P): Rat Kidney Tissue



IHC (Immunohistochemistry)
Anti-CISH antibody, AAA45192, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti-CISH antibody, AAA45192, Western blottingAll lanes: Anti CISH (AAA45192) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Rat Kidney Tissue Lysate at 50ugLane 3: Human Placenta Tissue Lysate at 50ugLane 4: A431 Whole Cell Lysate at 40ugLane 5: SMMC Whole Cell Lysate at 40ugLane 6: HELA Whole Cell Lysate at 40ugLane 7: COLO320 Whole Cell Lysate at 40ugLane 8: MM231 Whole Cell Lysate at 40ugPredicted bind size: 29KDObserved bind size: 29KD

ADDITIONAL INFORMATION

Related Product Information for anti-CISH antibody

Description: Rabbit IgG polyclonal antibody for Cytokine-inducible SH2-containing protein(CISH) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat.

Background: CISH(cytokine inducible SH2-containing protein),also called CIS, CIS-1, G18, SOCS, is an important negative regulator for inflammatory signaling and belongs to the suppressors of cytokine signaling(SOCS) family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. CISH controls interleukin-2 signaling, and variations of CISH with certain SNPs are associated with susceptibility to bacteremia, tuberculosis and malaria. The human CISH gene is mapped to chromosome 3p21.3 by FISH. The mouse gene is tightly linked to the Gnai2 gene on chromosome 9, a region syntenic to human chromosome 3p21. CIS expression was upregulated by lipopolysaccharide(LPS) or Cryptosporidium parvum exposure, and this upregulation involved downregulation of MIR98 and LET7, which relieved MIR98- and LET7-mediated translational repression of CIS. Gain- and loss-of-function studies showed that CIS accelerated degradation of IKBA and enhanced NFkB activation in cholangiocytes in response to LPS stimulation or C parvum exposure.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124022
NCBI GeneID	1154
UniProt Accession #	Q9NSE2 ; Q9NS38 ; Q9Y5R1 ; B2R9N1 ; G5E9R1
Molecular Weight	30,734 Da
NCBI Official Full Name	Cytokine-inducible SH2-containing protein
NCBI Official Synonym Full Names	cytokine inducible SH2-containing protein
NCBI Official Symbol	CISH
NCBI Official Synonym Symbols	CIS; G18; SOCS; CIS-1; BACTS2
NCBI Protein Information	cytokine-inducible SH2-containing protein; suppressor of cytokine signaling; cytokine-inducible inhibitor of signaling type 1B
UniProt Protein Name	Cytokine-inducible SH2-containing protein
UniProt Gene Name	CISH
UniProt Synonym Gene Names	G18; CIS; SOCS
UniProt Entry Name	CISH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/cish-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45192>