

Chicken CCDC55 Polyclonal Antibody | anti-NSRP1 antibody

CCDC55 Antibody

CATALOG # AAA40272	HOST Chicken	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

CCDC55; Polyclonal Antibody; CCDC55 Antibody; NSRp70; HSPC095; NSRP70; Nuclear speckle splicing regulatory protein 1; Coiled-coil domain-containing protein 55; nuclear speckle splicing regulatory protein 1; anti-NSRP1 antibody

PRODUCT SPECIFICATIONS

Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgY
Specificity	At least three isoforms are known to exist; this antibody will detect all three.
Purity/Purification	CCDC55 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	558
Applicable Applications for anti-NSRP1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CCDC55 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human CCDC55.
Buffer	CCDC55 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CCDC55 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of CCDC55 in mouse brain cells with CCDC55 antibody at 20 µg/mL.



WB (Western Blot)

Western blot analysis of CCDC55 in human brain tissue lysate with CCDC55 antibody at (A) 0.5 and (B) 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NSRP1 antibody	CCDC55 Antibody: CCDC55, also known as Nuclear speckle-related protein 70 (NSrp70), was initially identified by the NIH Mammalian Gene Collection. Nuclear speckles are known to be the storage sites of mRNA splicing regulators. CCDC55 has been suggested to modulate alternative pre-mRNA splicing in vivo. It co-localizes and physically interacts with the SR proteins SC35 and ASF/SF2, essential splicing factors which are required for constitutive splicing and can regulate alternative mRNA splicing. Loss of CCDC55 in mice leads to early embryonic lethality highlights the importance of the functional role of CCDC55.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14149807
NCBI GeneID	84081
NCBI Accession #	NP_115517
NCBI GenBank Nucleotide #	NM_032141.3
UniProt Accession #	Q9H0G5; Q6FI71
Molecular Weight	66,390 Da
NCBI Official Full Name	nuclear speckle splicing regulatory protein 1 isoform 1
NCBI Official Synonym Full Names	nuclear speckle splicing regulatory protein 1
NCBI Official Symbol	NSRP1
NCBI Official Synonym Symbols	CCDC55; NSrp70; HSPC095
NCBI Protein Information	nuclear speckle splicing regulatory protein 1; coiled-coil domain containing 55; nuclear speckle-related protein 70; coiled-coil domain-containing protein 55
UniProt Protein Name	Nuclear speckle splicing regulatory protein 1
UniProt Gene Name	NSRP1
UniProt Synonym Gene Names	CCDC55; NSRP70; NSrp70
UniProt Entry Name	NSRP1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ccdc55-antibody-immunofluorescence-western-blot-elisa/40272>