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## Datasheet for ABIN6991591 **anti-NSRP1 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	NSRP1
Binding Specificity:	AA 430-480, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This NSRP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	CCDC55 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human CCDC55. The immunogen is located within amino acids 430 - 480 of CCDC55.
Isotype:	IgY
Specificity:	At least three isoforms are known to exist, this antibody will detect all three.
Purification:	CCDC55 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	NSRP1
Alternative Name:	CCDC55 ( <a href="#">NSRP1 Products</a> )

## Target Details

**Background:** 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.

**Gene ID:** 84081

**NCBI Accession:** [NP\\_115517](#)

**UniProt:** [Q9H0G5](#)

## Application Details

**Application Notes:** CCDC55 antibody can be used for detection of CCDC55 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** CCDC55 Antibody is supplied in PBS containing 0.02 % sodium azide.

**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, 4 °C

**Storage Comment:** CCDC55 antibody can be stored at 4°C for three months and -20°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.