



[Go to Product page](#)

Datasheet for ABIN7114530  
**anti-GEMIN8 antibody**

### Overview

Quantity:	100 µg
Target:	GEMIN8
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GEMIN8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	gem(nuclear organelle) associated protein 8
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	GEMIN8
Alternative Name:	GEMIN8 ( <a href="#">GEMIN8 Products</a> )
Background:	Synonyms:FAM51A1 Background:The SMN complex plays a catalyst role in the assembly of small nuclear ribonucleoproteins(snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and

## Target Details

---

SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. In the cytosol, the Sm proteins SNRPD1, SNRPD2, SNRPE, SNRPF and SNRPG are trapped in an inactive 6S pICln-Sm complex by the chaperone CLNS1A that controls the assembly of the core snRNP. Dissociation by the SMN complex of CLNS1A from the trapped Sm proteins and their transfer to an SMN-Sm complex triggers the assembly of core snRNPs and their transport to the nucleus.

---

Molecular Weight: 32 kDa

---

Gene ID: 54960

---

UniProt: [Q9NWZ8](#)

---

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

---

---

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200

---

Restrictions: For Research Use only

## Handling

---

---

Format: Liquid

---

Buffer: PBS with 0.02 % sodium azide and 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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

---

Expiry Date: 12 months