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Datasheet for ABIN7451794
anti-GEMIN5 antibody (AA 1360-1410)

Overview

Quantity:	20 µg
Target:	GEMIN5
Binding Specificity:	AA 1360-1410
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GEMIN5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Gemin5 Antibody, Affinity Purified
Immunogen:	between AA 1360 and 1410
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	GEMIN5
Alternative Name:	Gemin5 (GEMIN5 Products)
Background:	Background: Gemin5 is a component of the SMN (survival of motor neurons) complex. The SMN complex is composed of the SMN protein and several Gemin5 (2-7) and is involved in the

Target Details

assembly of snRNPs in the cytoplasm and their transport to the nucleus. The SMN complex localizes to nuclear focal structures called gems or Gemini or coiled bodies. Gemin 5 has been shown to be responsible for recognizing and binding the snRNP code during snRNP biogenesis. Recent studies have shown that Gemin 5 is rarely detectable in SMN complexes associated with gems/Cajal bodies in the nucleus and may play a specific role in cytoplasmic SMN complexes. It has also been shown to function as a scaffold protein for ASK1-JNK1 signaling.

Gene ID: 25929

NCBI Accession: [NP_056280](#)

UniProt: [Q8TEQ6](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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: 4 °C

Expiry Date: 12 months