



# Anti-GEMIN5 (aa 1-100) polyclonal antibody (CPBT-35418RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Polyclonal antibody to Human GEMIN5.
<b>Antigen Description</b>	This gene encodes a WD repeat protein that is a component of the survival of motor neurons (SMN) complex. The SMN complex plays a critical role in mRNA splicing through the assembly of spliceosomal small nuclear ribonucleoproteins (snRNPs), and may also mediate the assembly and transport of other classes of ribonucleoproteins. The encoded protein is the snRNA-binding component of the SMN complex. Dysregulation of this gene may play a role in alternative mRNA splicing and tumor cell motility. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human Gemin 5. ( Immunogen available as <a href="#">DAG-P0543</a> )
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Cellular Localization</b>	Nuclear and cytoplasmic
<b>Format</b>	Liquid
<b>Size</b>	100 µg

<b>Buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
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<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GEMIN5 gem (nuclear organelle) associated protein 5 [ Homo sapiens ]</a>
<b>Official Symbol</b>	GEMIN5
<b>Synonyms</b>	GEMIN5; gem (nuclear organelle) associated protein 5; gem-associated protein 5; gem (nuclear organelle) associated protein 5; Gem-associated protein 5; GEMIN5; OTTHUMP00000160692; GEMIN-5;
<b>Entrez Gene ID</b>	<a href="#">25929</a>
<b>Protein Refseq</b>	<a href="#">NP_056280</a>
<b>UniProt ID</b>	<a href="#">B7ZLC9</a>
<b>Chromosome Location</b>	5q34
<b>Pathway</b>	Metabolism, organism-specific biosystem; Metabolism of RNA, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Survival motor neuron (SMN) complex, organism-specific biosystem; snRNP Assembly, organism-specific biosystem.
<b>Function</b>	protein binding; snRNA binding;