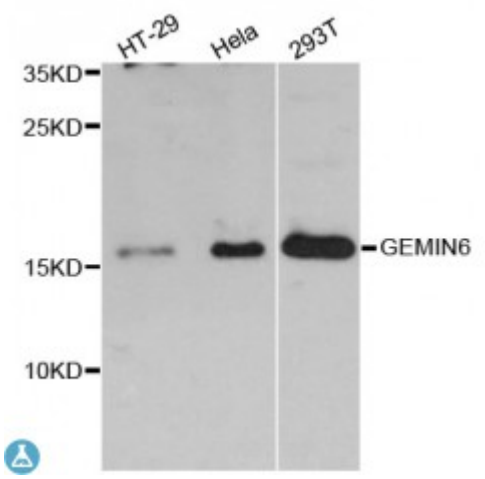
Anti-GEMIN6 Antibody



Model	STJ114253
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-167 of human GEMIN6 (NP_079051.9).
Gene ID	79833
Gene Symbol	GEMIN6
Dilution range	WB 1:200 - 1:500
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Gem-associated protein 6 Gemin-6 SIP2
Molecular Weight	18.824 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:20044OMIM:607006Reactome:R-HSA-191859
Alternative Names	Gem-associated protein 6 Gemin-6 SIP2

Function	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 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,
Cellular Localization	Nucleus, nucleoplasm,