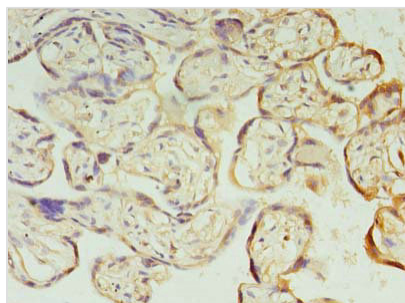




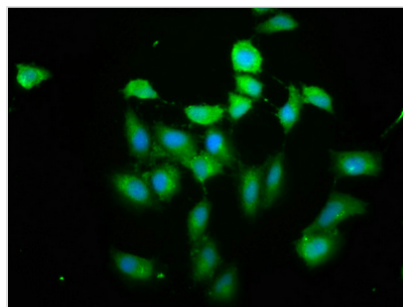
PIH1D1 Antibody

Product Code	CSB-PA889130LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9NWS0
Immunogen	Recombinant Human PIH1 domain-containing protein 1 protein (1-290AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, IHC, IF, IP; Recommended dilution: IHC:1:20-1:200, IF:1:50-1:500, IP:1:200-1:2000
Relevance	Involved in the assembly of C/D box small nucleolar ribonucleoprotein (snoRNP) particles (PubMed:17636026). Recruits the SWI/SNF complex to the core promoter of rRNA genes and enhances pre-rRNA transcription (PubMed:22368283, PubMed:24036451). Mediates interaction of TELO2 with the R2TP complex which is necessary for the stability of MTOR and SMG1 (PubMed:20864032). Positively regulates the assembly and activity of the mTORC1 complex (PubMed:24036451).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	PIH1 domain-containing protein 1 (Nucleolar protein 17 homolog), PIH1D1, NOP17
Species	Human
Research Area	Others
Target Names	PIH1D1

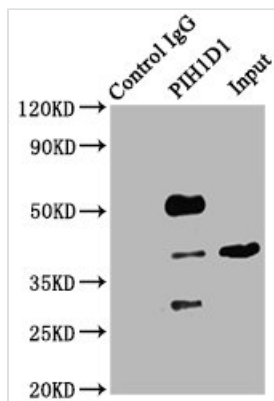
Image



Immunohistochemistry of paraffin-embedded human placenta tissue using CSB-PA889130LA01HU at dilution of 1:100



Immunofluorescence staining of HeLa cells cells with CSB-PA889130LA01HU at 1: 200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized tissue using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) .



Immunoprecipitating PIH1D1 in HeLa whole cell lysate

Lane 1: Rabbit control IgG (1μg) instead of CSB-PA889130LA01HU in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: CSB-PA889130LA01HU (6μg) + HeLa whole cell lysate (500μg)

Lane 3: HeLa whole cell lysate (10μg)