

SLU7 polyclonal antibody

Catalog: BCP01529

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

In order to produce correctly spliced messenger RNA, two catalytic splicing steps are required. After catalytic step I, a major remodeling of the spliceosome occurs to establish the active site for step II. During the second step of mRNA splicing, exon 1 attacks an adenine-guanine (AG) dinucleotide at the 3' splice site. SLU7, the human homolog of the yeast step II splice factor Slu7, is required for selection of the correct AG. Human SLU7 associates with the spliceosome late in the splicing pathway prior to recognition of the 3' splice site for step II. SLU7 depletion in HeLa nuclear extract reveals that SLU7 is required to hold exon 1 tightly within the spliceosome for attack on a prespecified AG.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 68 kDa

Swiss-Prot:

O95391

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

SLU7 polyclonal antibody detects endogenous levels of SLU7 protein.

DATA:



Western blot (WB) analysis of SLU7 (F144) pAb at 1:1000 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:AML-12 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:SGC7901 whole cell lysate(40ug)

Lane5:L02 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.