

Datasheet for ABIN5647848
anti-SUB1 antibody (AA 96-127)



[Go to Product page](#)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | SUB1 |
| Binding Specificity: | AA 96-127 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SUB1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|---|
| Immunogen: | Amino acids 96-127 (MKPGRKGISLNPEQWSQLKEQISDIDDAVRKL) from the human protein were used as the immunogen for the PC4 antibody. |
| Isotype: | IgG |
| Purification: | Antigen affinity purified |

Target Details

| | |
|-------------------|---|
| Target: | SUB1 |
| Alternative Name: | PC4 / Positive cofactor 4 (SUB1 Products) |
| Background: | Activated RNA polymerase II transcriptional coactivator p15, also known as Positive cofactor 4 (PC4) or SUB1 homolog, is a protein that in humans is encoded by the SUB1 gene. This gene is mapped to 5p13.3. The transcriptional cofactor PC4 is an ancient single-strand DNA (ssDNA)- |

Target Details

binding protein that has a homologue in bacteriophage T5 where it is likely the elusive replicative ssDNA-binding protein. The recombinant PC4 is shown to function identically to the native protein through its interaction with TAFs.

UniProt: [P53999](#)

Application Details

Application Notes: Western blot: 0.5-1 µg/mL, IHC (FFPE): 1-2 µg/mL

Restrictions: For Research Use only

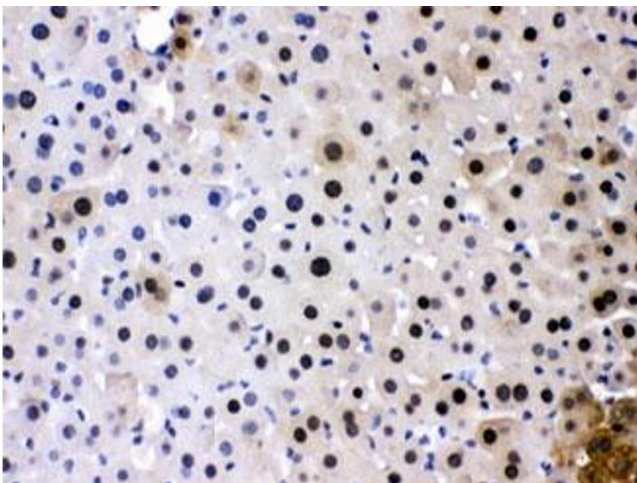
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the PC4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



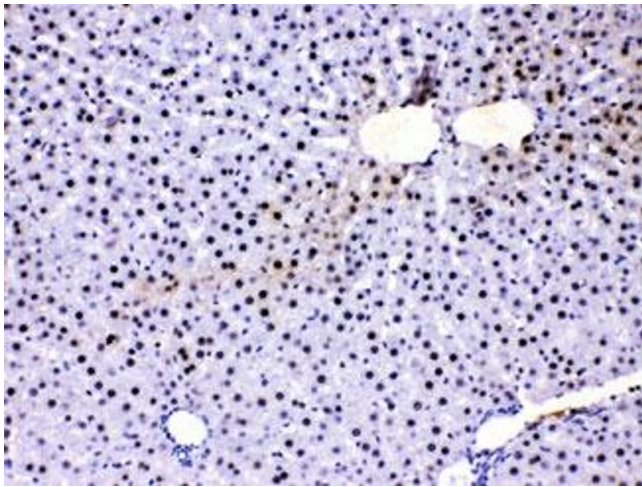
Immunohistochemistry

Image 1. IHC testing of FFPE mouse liver with PC4 antibody at 1 µg/ml. HIER: steam section in pH6 citrate buffer for 20 min.



Western Blotting

Image 2. Western blot testing of 1) rat liver, 2) human HeLa and 3) human U-2 OS lysate with PC4 antibody at 0.5ug/ml. Expected molecular weight: 15-19 kDa (unmodified) and ~26 kDa (phosphorylated).



Immunohistochemistry

Image 3. IHC testing of FFPE rat liver with PC4 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.