

# Product Datasheet

## CPS1 Antibody (JB40-33)

**NBP2-75445**

Unit Size: 100  $\mu$ l

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

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**NBP2-75445**

CPS1 Antibody (JB40-33)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JB40-33
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Target Molecular Weight</b>	165 kDa

**Product Description**

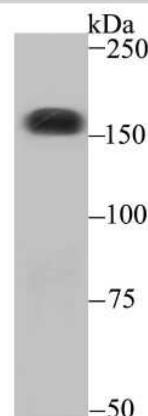
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	CPS1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within Human CPS1 aa 82-204 / 1,500. (SwissProt: P31327 Human; SwissProt: Q8C196 Mouse; SwissProt: P07756 Rat)

**Product Application Details**

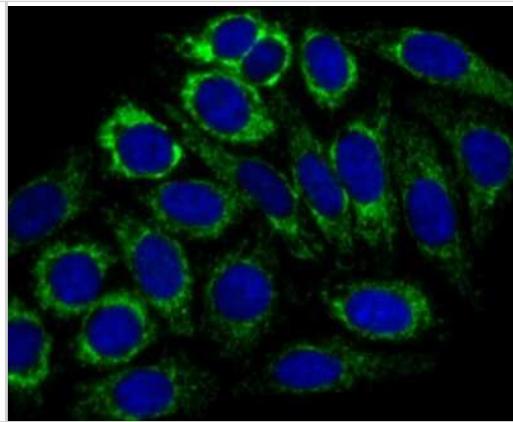
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

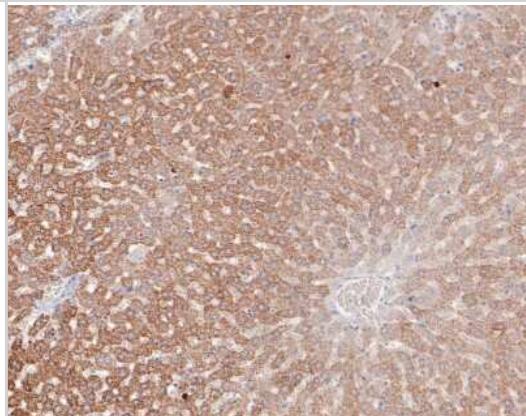
Western Blot: CPS1 Antibody (JB40-33) [NBP2-75445] - Analysis of CPS1 on SiHa cell using anti-CPS1 antibody at 1/500 dilution.



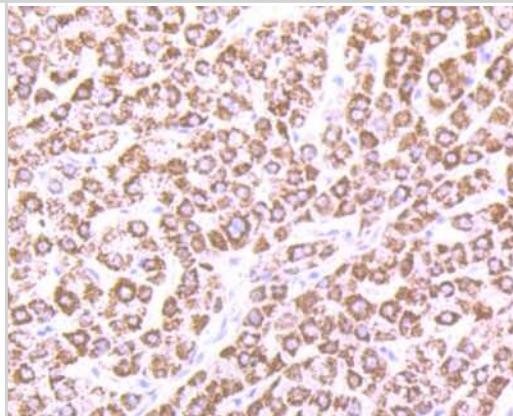
Immunocytochemistry/Immunofluorescence: CPS1 Antibody (JB40-33) [NBP2-75445] - Staining CPS1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



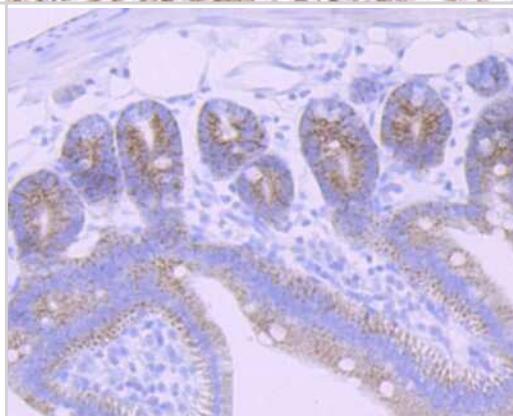
Immunohistochemistry-Paraffin: CPS1 Antibody (JB40-33) [NBP2-75445] - Analysis of paraffin-embedded rat liver tissue with Rabbit anti-CPS1 antibody washed with ddH2O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: CPS1 Antibody (JB40-33) [NBP2-75445] - Analysis of paraffin-embedded human liver tissue using anti-CPS1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CPS1 Antibody (JB40-33) [NBP2-75445] - Analysis of paraffin-embedded mouse small intestine tissue using anti-CPS1 antibody. Counter stained with hematoxylin.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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