

# Product Datasheet

## YAP1 Antibody (10G4S10)

### NBP3-15685-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-15685-100ul**

YAP1 Antibody (10G4S10)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	10G4S10
<b>Preservative</b>	0.05% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	10413
<b>Gene Symbol</b>	YAP1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 155-504 of human YAP1 (NP_001123617.1). PTAQHLRQSSFEIPDDVPLPAGWEMAKTSSGQRYFLNHIDQTTTWQDPRKAM LSQMNVTAPTSPPVQQNMMNSASGPLPDGWEQAMTQDGEIYYINHKNKTTS WLDPRLDPRFAMNQRISQSAPVKQPPPLAPQSPQGGVMGGSNSNQQQQMR LQQLQMEKERLRLKQQELLRQAMRNINPSTANSPKCQELALRSQLPTLEQDG GTQNPVSSPGMSQELRTMTTNSSDPFLNSGTYHSRDESTDSGLSMSSYSVPR TPDDFLNSVDEMDTGDTINQSTLPSQQNRFPDYLEAIPGTNVDLGTLEGDGMNI EGEELMPSLQEALSSDILNDMESVLAATKLDKESFLTWL

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:4000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:100 - 1:500, Immunohistochemistry-Paraffin

**Images**

Western Blot: YAP1 Antibody (10G4S10) [YAP1] - Western blot analysis of lysates from wild type (WT) and YAP1 knockout (KO) HeLa cells using [KO Validated] YAP1 Rabbit mAb at 1:10000 dilution incubated overnight at 4C.

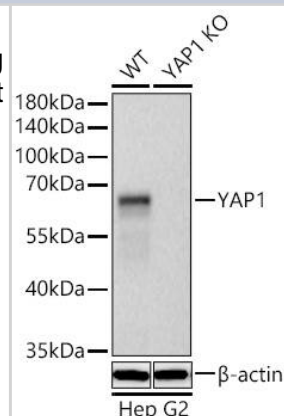
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

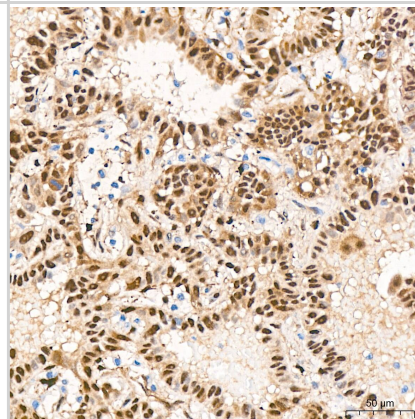
Exposure time: 10s.



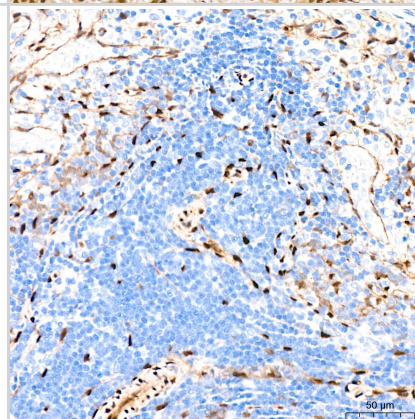
Immunocytochemistry/ Immunofluorescence: YAP1 Antibody (10G4S10) [YAP1] - Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] YAP1 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



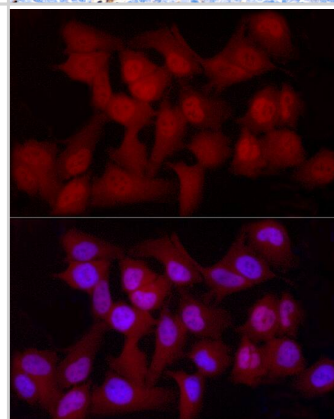
Immunohistochemistry: YAP1 Antibody (10G4S10) [YAP1] - Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma tissue using [KO Validated] YAP1 Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



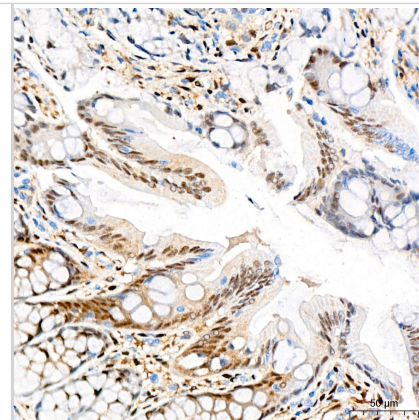
Immunohistochemistry: YAP1 Antibody (10G4S10) [YAP1] - Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using [KO Validated] YAP1 Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



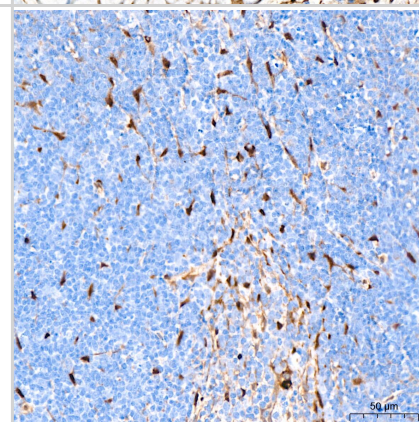
Immunocytochemistry/ Immunofluorescence: YAP1 Antibody (10G4S10) [YAP1] - Immunofluorescence analysis of HeLa cells using [KO Validated] YAP1 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



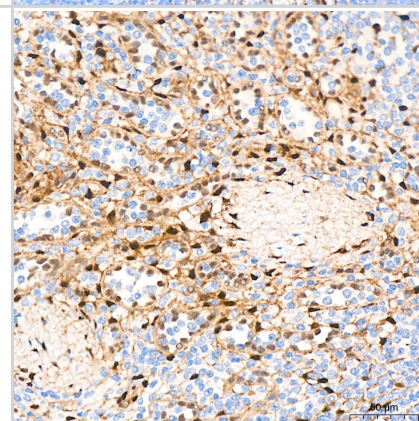
**Immunohistochemistry: YAP1 Antibody (10G4S10) [YAP1] -**  
 Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KO Validated] YAP1 Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



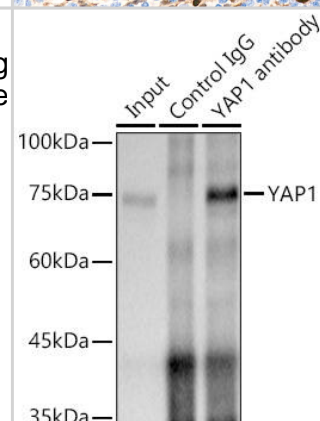
**Immunohistochemistry: YAP1 Antibody (10G4S10) [YAP1] -**  
 Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using [KO Validated] YAP1 Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



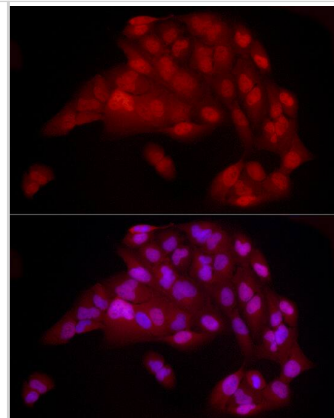
**Immunohistochemistry: YAP1 Antibody (10G4S10) [YAP1] -**  
 Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using [KO Validated] YAP1 Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



**Immunoprecipitation: YAP1 Antibody (10G4S10) [YAP1] -**  
 Immunoprecipitation analysis of 300 ug extracts of A-549 cells using 3 ug YAP1 antibody . Western blot was performed from the immunoprecipitate using YAP1 antibody at a dilution of 1:500.



Immunocytochemistry/ Immunofluorescence: YAP1 Antibody (10G4S10) [YAP1] - Immunofluorescence analysis of U2OS cells using [KO Validated] YAP1 Rabbit mAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: YAP1 Antibody (10G4S10) [NBP3-15685] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using [KO Validated] YAP1 Rabbit mAb at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.







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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010413-P01-10ug	Recombinant Human YAP1 GST (N-Term) Protein

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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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