Novus Biologicals, Inc
PO Box 802
Littleton, CO 80160
Phone:1-888-506-6887
Fax: 303-730-1966
Email: novus@novusbio.com
Go to: www.NovusBio.com

Rabbit Polyclonal anti-YAP, Sample Size

Catalog Number: NB110-58358SS

Background: YAP (Yes-Associated Protein) is a founding member of the WW domain family of proteins, transcriptional co-activator and oncogene. Its gene is transcriptionally activated in squamous cell carcinoma cells. As one of several genes of 1q22 amplicon, YAP was recently implicated in liver and breast cancer. Overexpression of YAP gene in MCF10A mammary cell line induces oncogenic transformation.

Alternate Names: anti-YAP65 antibody, anti-Yes associated protein antibody, anti-YAP1 antibody, anti-YAP2 antibody

Host: Rabbit

Research Areas: Cancer Research, Signal Transduction

Immunogen: Recombinant YAP protein expressed in bacteria.

Localization: Nuclear

Species Reactivity: This antibody reacts with the human protein.

Uses: This 65 kDa antibody is useful in Western Blot against transfected HEK 293 lysates.
* Other applications have not been tested.

Dilutions: Suggested working dilutions *
immunoprecipitation ,
Western Blot 1:1000,
Immunohistochemistry-Paraffin ,

* Investigator should determine optimal working dilutions.

Positive Controls: Brain and kidney lysates, and HEK 293 cell lysate

* 293 Whole Cell Lysate NB800-PC6
* Human Brain Protein NB820-59177
* Human Kidney Protein NB820-59231

Packaging: 0.025 ml Affinity purified Rabbit antisera.

Buffer: PBS, 15% glycerol

Preservative: 0.02% sodium azide

Storage: Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 6 months from date of receipt.

General References:

1. Sudol, M., et al. Characterization of the Mammilian YAP Gene and Its Role in Defining a Novel Protein Module, the WW Domain. JBC. 14733-14741 (1995).

2. Komuro, A., et al. WW Domain-containing Protein YAP Associates with WrbB-4 and Acts as a Co-transcriptional Activator for the Carboxyterminal Fragment of ErB4 that Translocates to the Nucleus. JBC. 33334-33341 (2003).

Novus Biologicals, Inc
PO Box 802
Littleton, CO 80160
Phone:1-888-506-6887
Fax: 303-730-1966
Email: novus@novusbio.com
Go to: www.NovusBio.com

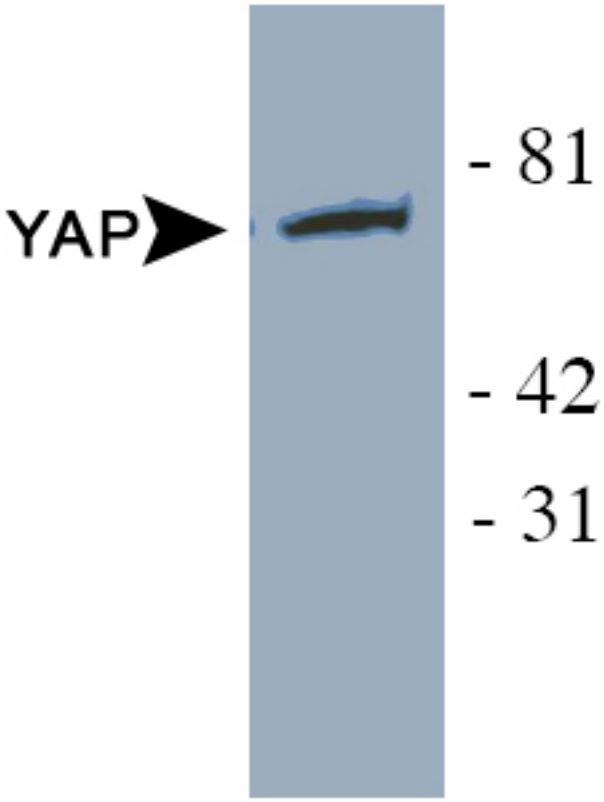
3. Zender, L., et al. Identification and Validation of Oncogenes in Liver Cancer Using an Integrative Oncogenomic Approach. Cell. 125:1230-3 (2006). [Western blot, Immunohistochemistry]

4. Dong, G., et al. Molecular Profiling of Transformed and Metastatic Murine Squamous Carcinoma Cells by Differential Display and cDNA Microarray Reveals Altered Expression of Multiple Genes Related to Growth, Apoptosis, Angiogenesis, and the NF-kappaB Signal Pathway. Cancer Res. 61:4797-808 (2001).

5. Overholtzer, M., et al. Transforming Properties of Yap, a Candidate Oncogene of the Chromosome 11q22 Amplicon. PNAS. 103:12405-10 (2006).

Gene Id: 10413

Image(s)



Detection of NB110-58358 protein using NB110-58358 in transfected HEK 293 cell lysate.