

## Product datasheet for **CF813312**

### YAP1 Mouse Monoclonal Antibody [Clone ID: OTI4B2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B2
Applications:	WB
Recommended Dilution:	WB 1:1000
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 347-504 of human YAP1 (NP_001123617) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54.3 kDa
Database Link:	<a href="#">NP_001123617</a> <a href="#">Entrez Gene 22601 Mouse</a>



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**Background:**

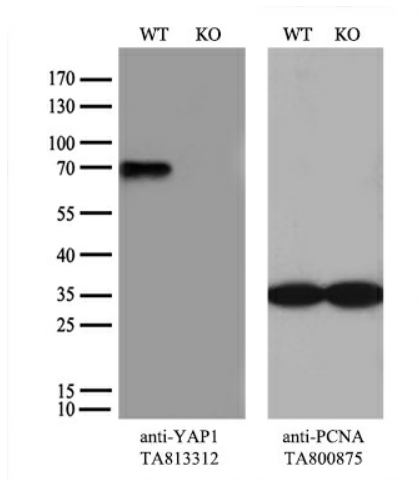
This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Aug 2013]

**Synonyms:**

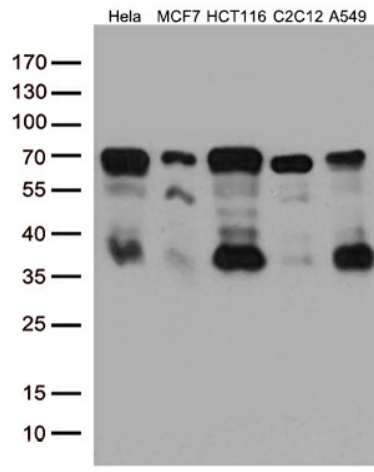
COB1; YAP; YAP2; YAP65; YKI

**Protein Families:**

Druggable Genome

**Product images:**


Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and YAP1-Knockout HeLa cells (KO, Cat# [LC832485]) were separated by SDS-PAGE and immunoblotted with anti-YAP1 monoclonal antibody [TA813312] (1:1000). Then the blotted membrane was stripped and reprobed with anti-PCNA antibody as a loading control.



Western blot analysis of extracts (35ug) from 5 cell lines lysates by using anti-YAP1 monoclonal antibody (1:1000).