

YAP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant YAP1.

Catalog # AT4556a

Product Information

Application	WB, IHC, IF
Primary Accession	P46937
Other Accession	NM_006106
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2F12
Calculated MW	54462

Additional Information

Gene ID	10413
Other Names	Transcriptional coactivator YAP1, Yes-associated protein 1, Protein yorkie homolog, Yes-associated protein YAP65 homolog, YAP1, YAP65
Target/Specificity	YAP1 (NP_006097, 53 a.a. ~ 161 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	YAP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

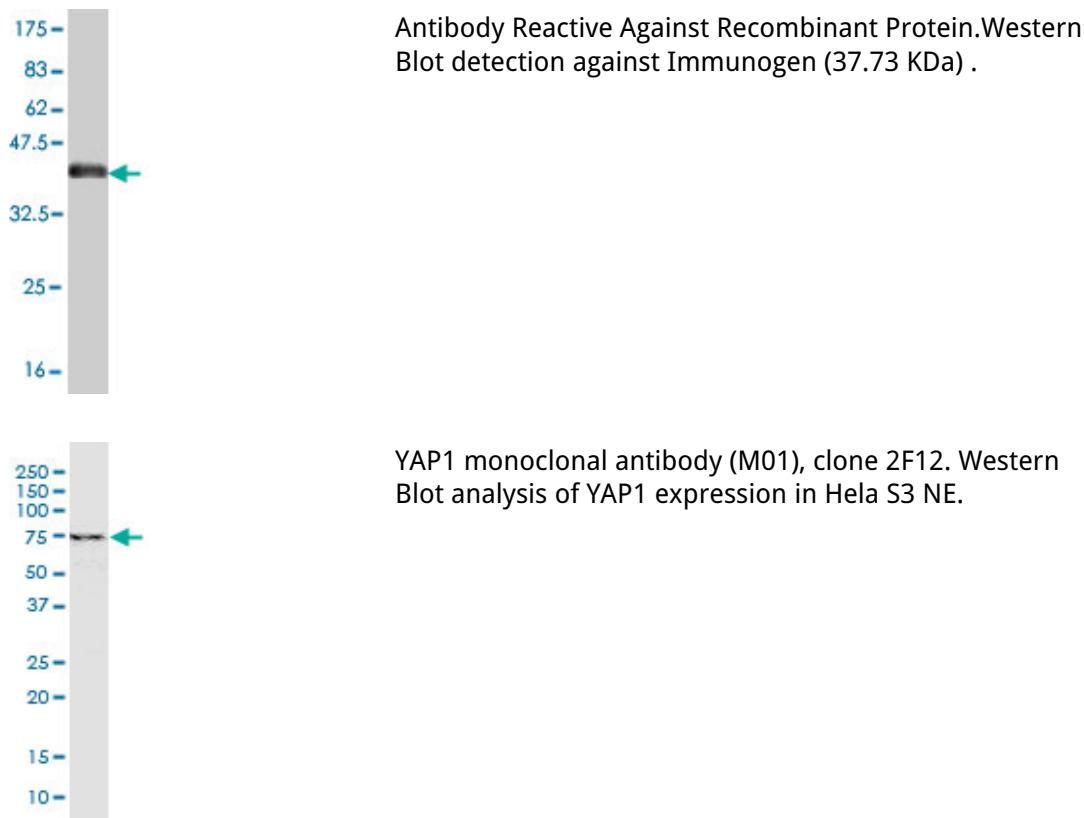
This gene encodes the human ortholog of chicken YAP protein which binds to the SH3 domain of the Yes proto-oncogene product. This protein contains a WW domain that is found in various structural, regulatory and signaling molecules in yeast, nematode, and mammals, and may be involved in protein-protein interaction.

References

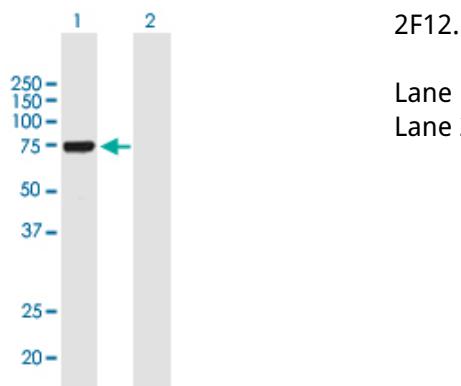
1.A functional interaction between Hippo-YAP signalling and FoxO1 mediates the oxidative stress response.Shao D, Zhai P, Del Re DP, Sciarretta S, Yabuta N, Nojima H, Lim DS, Pan D, Sadoshima JNat

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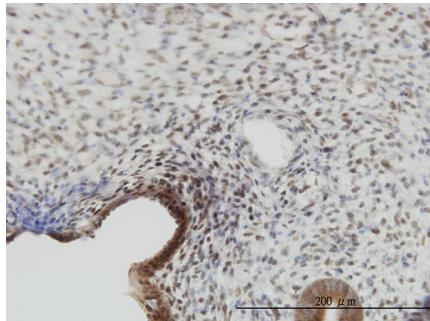
Images



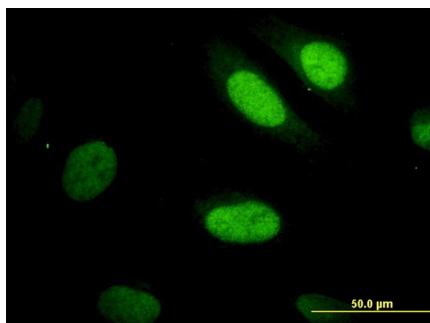
Western Blot analysis of YAP1 expression in transfected 293T cell line by YAP1 monoclonal antibody (M01), clone



Lane 1: YAP1 transfected lysate (Predicted MW: 54.5 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to YAP1 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to YAP1 on HeLa cell. [antibody concentration 30 ug/ml]

Citations

- [Elevated expression of yes associated protein is associated with the malignant status and prognosis of laryngeal squamous cell carcinoma.](#)
- [Energy stress regulates hippo-YAP signaling involving AMPK-mediated regulation of angiomotin-like 1 protein.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.