

ARG65091
anti-YAP1 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes YAP1
Tested Reactivity	Dog
Predict Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	YAP1
Species	Human
Immunogen	C-TYHSRDESTDS
Conjugation	Un-conjugated
Alternate Names	YAP65; COB1; Transcriptional coactivator YAP1; Yes-associated protein 1; YKI; YAP; Yes-associated protein YAP65 homolog; Protein yorkie homolog; YAP2

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 2 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

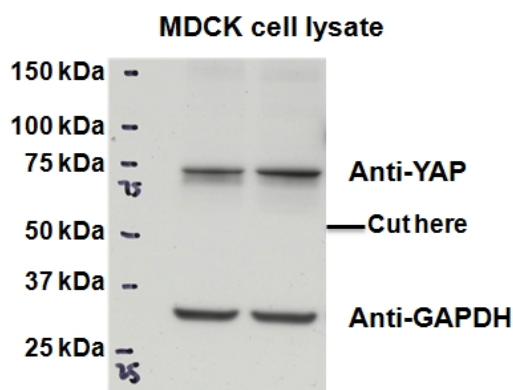
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Gene Regulation antibody; Signaling Transduction antibody
Calculated Mw	54 kDa
PTM	Phosphorylated by LATS1 and LATS2; leading to cytoplasmic translocation and inactivation (PubMed:18158288, PubMed:20048001). Phosphorylated by ABL1; leading to YAP1 stabilization, enhanced interaction with TP73 and recruitment onto proapoptotic genes; in response to DNA damage (PubMed:18280240). Phosphorylation at Ser-400 and Ser-403 by CK1 is triggered by previous phosphorylation at Ser-397 by LATS proteins and leads to YAP1 ubiquitination by SCF(beta-TRCP) E3 ubiquitin ligase and subsequent degradation (PubMed:20048001). Phosphorylated at Thr-119, Ser-138, Thr-154, Ser-367 and Thr-412 by MAPK8/JNK1 and MAPK9/JNK2, which is required for the regulation of apoptosis by YAP1 (PubMed:21364637). Ubiquitinated by SCF(beta-TRCP) E3 ubiquitin ligase.

Images



ARG65091 anti-YAP1 antibody WB image

Western Blot: MDCK lysate (35 μ g protein in RIPA buffer) stained with ARG65091 anti-YAP1 antibody at 0.5 μ g/ml dilution.