



Rabbit Anti-YAP1 monoclonal antibody, clone TO1829 (CABT-L756)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Phospho-YAP1 (S127)
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TO1829
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	65 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	Human breast carcinoma tissue, human kidney tissue, mouse kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

The Yes-associated protein, otherwise known as YAP, is a 14-3-3-binding molecule that was originally recognized by virtue of its ability to bind to the SH3 domain of Yes. The binding of YAP to 14-3-3 requires the phosphorylation of a homologous serine residue (Ser 112) in the YAP 14-3-3-binding motif. The highly conserved and ubiquitously expressed 14-3-3 proteins regulate differentiation, cell cycle progression and apoptosis by binding intracellular phosphoproteins involved in signal transduction. YAP may link events at the plasma membrane and cytoskeleton to inhibition of transcription in the nucleus in a manner regulated by 14-3-3 proteins. YAP shares homology with the WW domain of TAZ, transcriptional co-activator with PDZ-binding motif, which functions as a transcriptional co-activator by binding to the PPXY motif present in transcription factors. YAP is expressed at high levels in the lung, placenta, prostate, ovary and testis.

Keywords

65 kDa Yes associated protein;65 kDa Yes-associated protein;COB1;YAp 1;YAP 65;YAP;YAP1;YAP1_HUMAN;YAP2;YAP65;yes -associated protein delta;Yes associated protein 1 65kDa;Yes associated protein 1;Yes associated protein 2;yes associated protein beta;YKI;Yorkie homolog antibody
