

Datasheet for ABIN7271415
anti-YAP1 antibody (Ser127)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	YAP1
Binding Specificity:	Ser127
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Non-phospho-YAP1-S127 Rabbit pAb
Immunogen:	A synthetic peptide of human YAP1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	YAP1
Alternative Name:	YAP1 (YAP1 Products)

Target Details

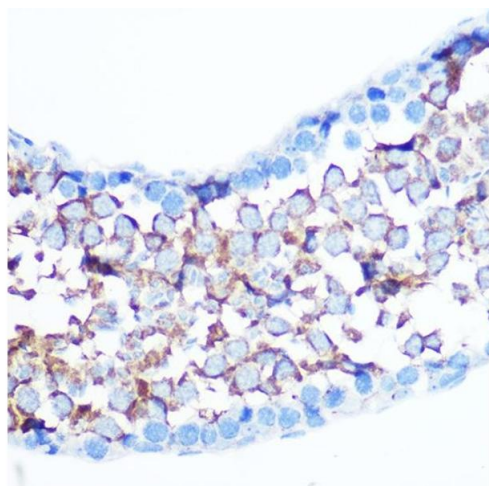
Background:	This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms.,COB1,YAP,YAP2,YAP65,YKI,YAP1,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology & Developmental Biology,Hippo Signaling Pathway,YAP1
Molecular Weight:	36kDa/48kDa/49kDa/50kDa/52kDa/53kDa/54kDa
Gene ID:	10413
UniProt:	P46937
Pathways:	MAPK Signaling , Stem Cell Maintenance , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

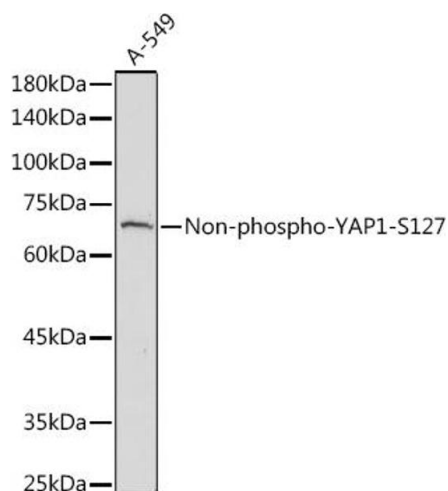
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse testis using Non-phospho-Y-S127 Rabbit pAb (ABIN7271415) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of A-549 cells, using Non-phospho-Y-S127 antibody (ABIN7271415) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.