

YAP Rabbit mAb (AR1272)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, ELISA
Isotype:	IgG, Kappa
MW:	55kD (Calculated) 55-75kD (Observed)

Recommended Dilution Ratios

IHC:	1:100-500
WB:	1:500-2000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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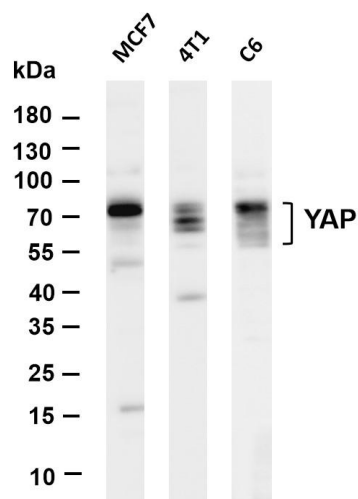
Target Information

Gene name	YAP1
Protein Name	Yorkie homolog

Organism	Gene ID	UniProt ID
Human	10413	P46937
Mouse	22601	P46938
Rat	363014	Q2EJA0

Cellular Localization	Cytoplasm, Nucleus
Tissue specificity	Increased expression seen in some liver and prostate cancers. Isoforms lacking the transactivation domain found in striatal neurons of patients with Huntington disease (at protein level).

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-YAP antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

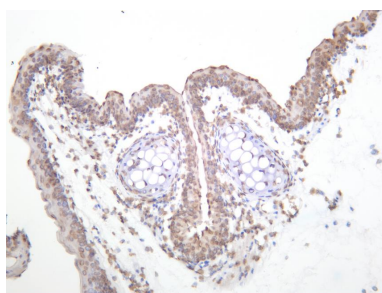
Lane 1: MCF7

Lane 2: 4T1

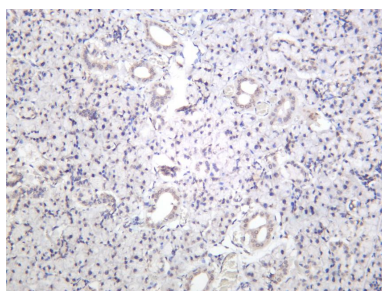
Lane 3: C6

Predicted band size: 55kDa

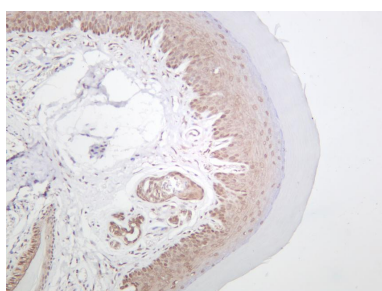
Observed band size: 55-75kDa



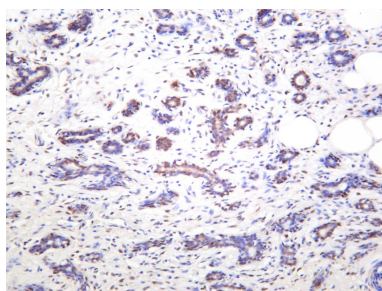
Mouse thyroid was stained with anti-YAP rabbit antibody



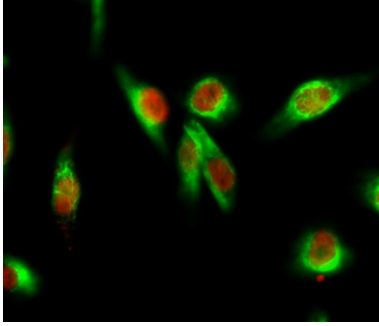
Rat thyroid was stained with anti-YAP rabbit antibody



Mouse skin was stained with anti-YAP rabbit antibody



Human breast carcinoma was stained with anti-YAP rabbit antibody



Immunofluorescence analysis of HeLa cell.

1. YAP Antibody(red) was diluted at 1:200(4 ° overnight). GAPDH Monoclonal Antibody(2B8)(green) was diluted at 1:200(4 ° overnight).
2. Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).

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