

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)
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Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	YAP1
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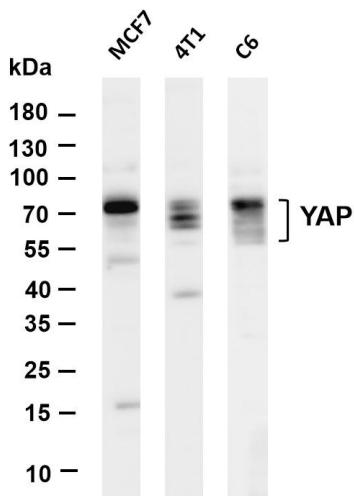
Protein Name	Yorkie homolog
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Organism	Gene ID	UniProt ID
Human	10413	P46937
Mouse	22601	P46938
Rat	363014	Q2EJA0

Cellular Localization	Cytoplasm, Nucleus
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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).
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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.

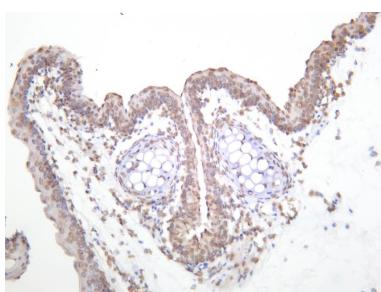
Lane 1: MCF7

Lane 2: 4T1

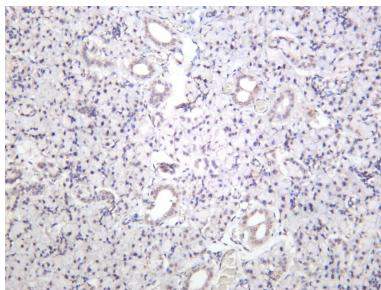
Lane 3: C6

Predicted band size: 55kDa

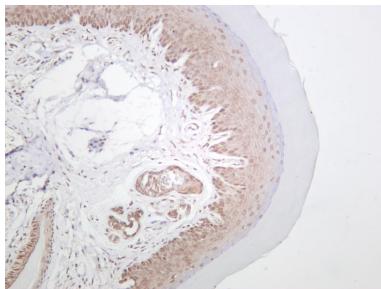
Observed band size: 55-75kDa



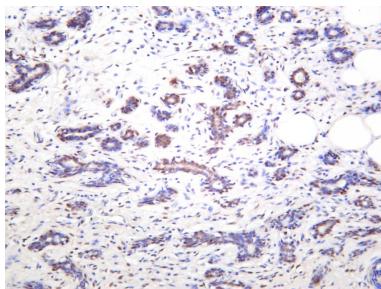
Mouse thyroid was stained with anti-YAP rabbit antibody



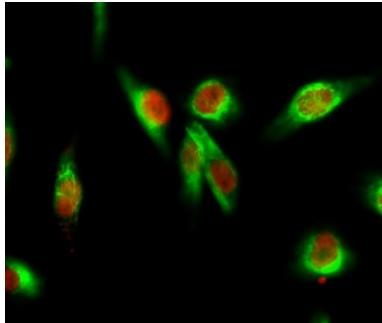
Rat thyroid was stained with anti-YAP rabbit antibody



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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