

STAT3 Rabbit mAb (AR1267)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	88kD (Calculated) 88kD (Observed)

Recommended Dilution Ratios

IHC:	1:100-500
WB:	1:1000-5000
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	STAT3
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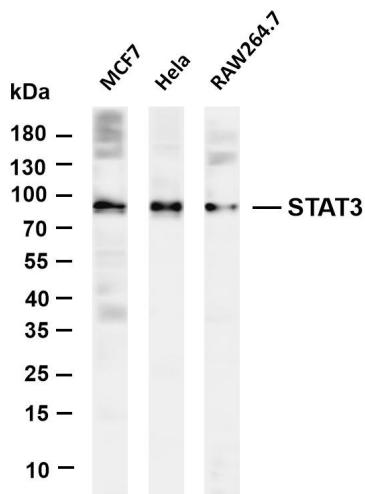
Protein Name	Signal transducer and activator of transcription 3
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Organism	Gene ID	UniProt ID
Human	6774	P40763
Mouse	20848	P42227
Rat	25125	P52631

Cellular Localization	Cytoplasm, Nucleus
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Tissue specificity	Heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Expressed in naive CD4(+) T cells as well as T-helper Th17, Th1 and Th2 cells.
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Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-STAT3 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

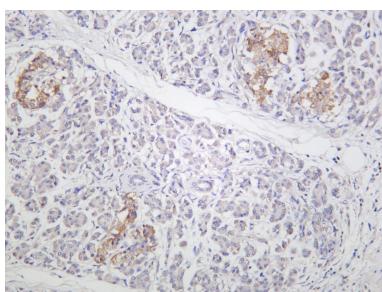
Lane 1: MCF7

Lane 2: HeLa

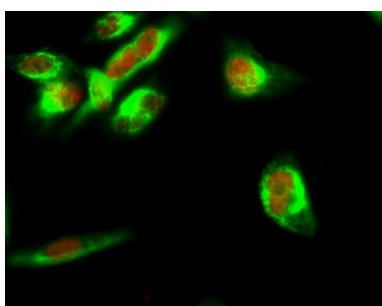
Lane 3: RAW264.7

Predicted band size: 88kDa

Observed band size: 88kDa



Human pancreas was stained with anti-STAT3 rabbit antibody



Immunofluorescence analysis of HeLa cell.

1. Stat3 Antibody(red) was diluted at 1:200(4° overnight). β-tubulin Monoclonal Antibody(M7)(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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