

# ST2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 88 and 348 of Human ST2
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2545859

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-

## Product Specific Information

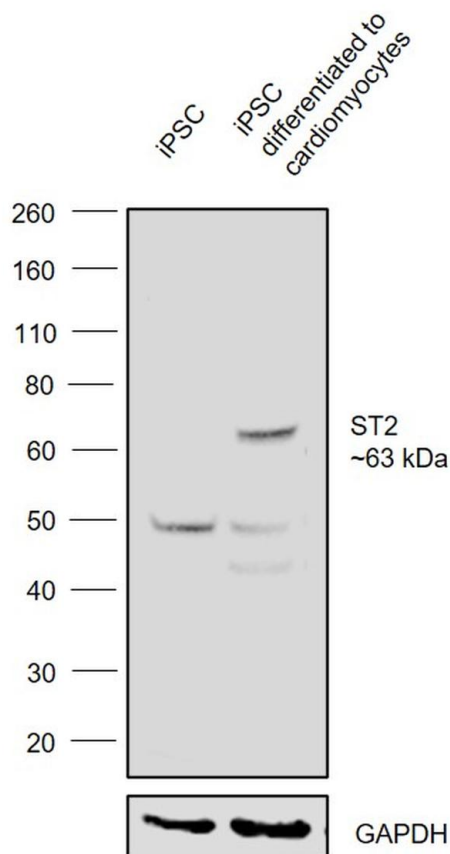
Recommended positive controls: Raw264.7, Rat colon.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For ST2 Polyclonal Antibody

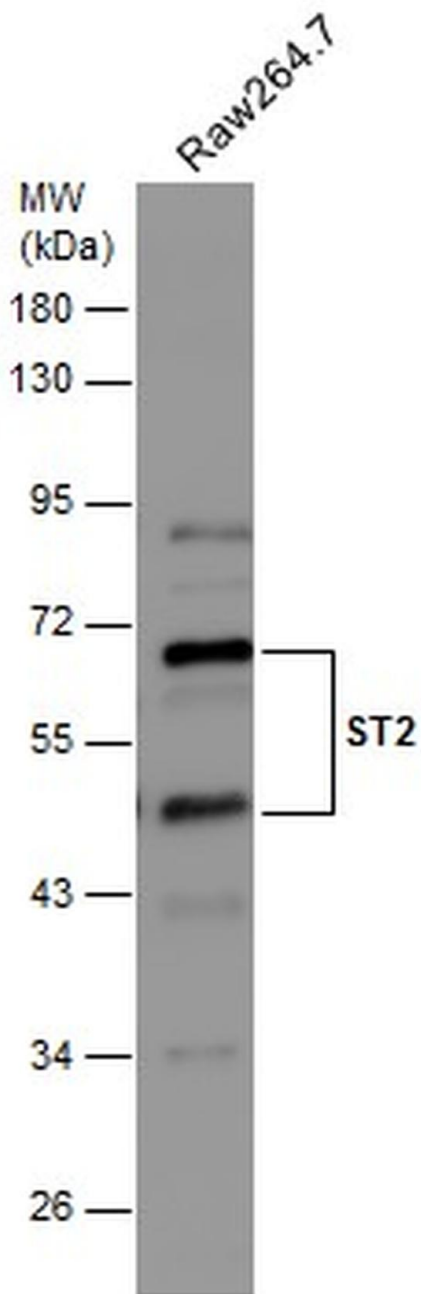
### ST2 Antibody (PA5-28383) in WB

Western blot was performed using Anti-ST2 Polyclonal Antibody (Product # PA5-28383) and a ~63kDa band corresponding to Interleukin-1 receptor-like 1 was observed across iPSCs. Membrane enriched extracts (50 µg lysate) of iPSC (Lane 1), iPSC differentiated to cardiomyocytes (Lane 2) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036,1:20000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580). Enhanced signal was observed in iPSCs differentiated into cardiomyocytes as compared to in undifferentiated iPSCs.



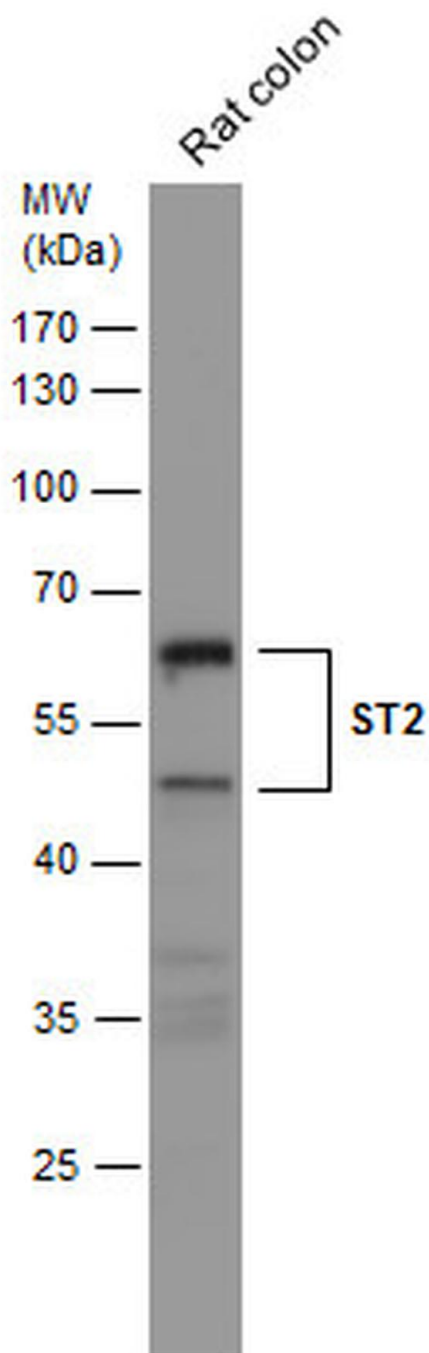
### ST2 Antibody (PA5-28383) in WB

Western Blot analysis of ST2 was performed by separating 30 µg of whole cell extract by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a ST2 Polyclonal Antibody (Product # PA5-28383) at a dilution of 1:500.



### ST2 Antibody (PA5-28383) in WB

Western Blot analysis of ST2 was performed by separating 50 µg of rat tissue extract by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a ST2 Polyclonal Antibody (Product # PA5-28383) at a dilution of 1:500.



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