Periostin Polyclonal Antibody

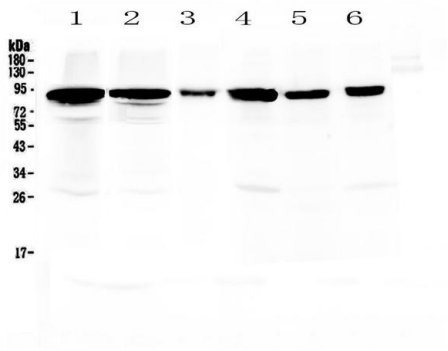
Product Details	
Size	100 µg
Species Reactivity	Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived rat Periostin recombinant protein (Position: K577-Q810).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746965

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-

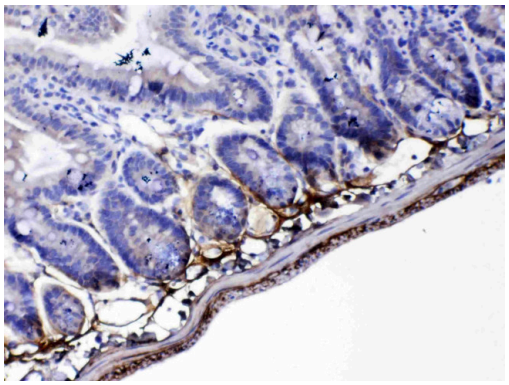
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

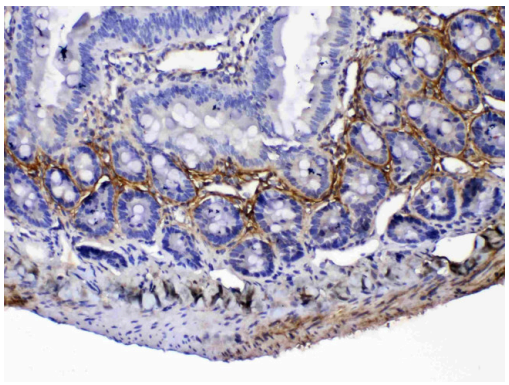
Product Images For Periostin Polyclonal Antibody



Periostin Antibody (PA5-79850) in WB
Western blot analysis of Periostin in Lane 1: rat gastric tissue lysate, Lane 2: rat lung tissue lysate, Lane 3: rat NRK whole cell lysate, Lane 4: mouse gastric tissue lysate, Lane 5: mouse intestine tissue lysate, Lane 6: mouse lung tissue lysate using 50 µg (reducing conditions) per well. Electrophoresis was performed on 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours and protein was transferred to a nitrocellulose membrane at 150mA for 50-90 minutes. Sample was blocked with 5% Non-fat Milk/TBS for 1.5 hours at room temperature, incubated with Periostin polyclonal antibody (Product # PA5-79850) at a dilution of 0.5 µg/mL (overnight at 4°C), followed by goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10,000. Signal development was performed using a chemiluminescence (ECL) kit.



Periostin Antibody (PA5-79850) in IHC (P)
Immunohistochemistry analysis of Periostin on paraffin-embedded mouse small intestine tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with Periostin polyclonal antibody (Product# PA5-79850) with a dilution of 1 µg/mL (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



Periostin Antibody (PA5-79850) in IHC (P)
Immunohistochemistry analysis of Periostin on paraffin-embedded rat small intestine tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with Periostin polyclonal antibody (Product# PA5-79850) with a dilution of 1 µg/mL (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.

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