

ITGA3 Polyclonal Antibody

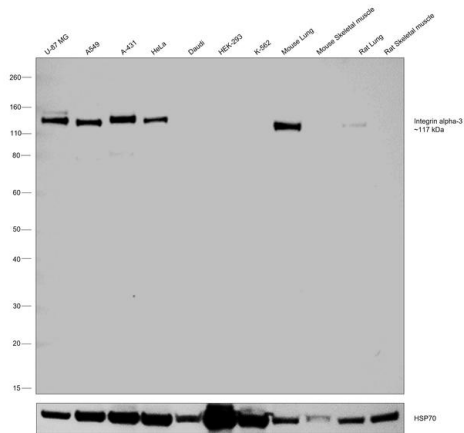
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide, corresponding to amino acids 500-550 of Human Integrin alpha-3.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2803328

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100	-

Product Images For ITGA3 Polyclonal Antibody

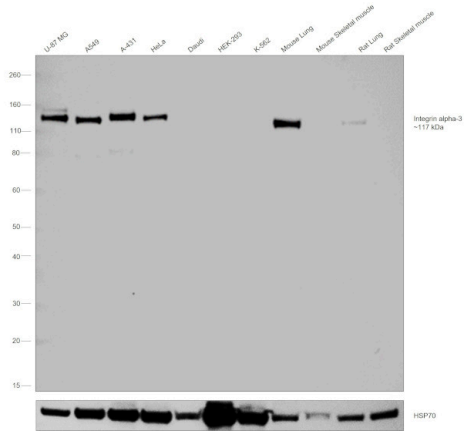
ITGA3 Antibody (PA5-86556) in WB

Western blot was performed using Anti-ITGA3 Polyclonal Antibody (Product # PA5-86556) and a 117 kDa band corresponding to ITGA3 was observed in U-87 MG, A549, A-431, HeLa, Mouse Lung and Rat Lung which are reported to be positive cell lines and tissue models but not in other cell lines Daudi, HEK-293, K-562 and tissue models Mouse skeletal muscle, Rat skeletal muscle. Membrane enriched extracts (30 µg lysate) of U-87 MG (Lane 1), A549 (Lane 2), A-431 (Lane 3), HeLa (Lane 4), Daudi (Lane 5), HEK-293 (Lane 6), K-562 (Lane 7), Mouse Lung (Lane 8), Mouse Skeletal Muscle (Lane 9), Rat Lung (Lane 10), Rat Skeletal Muscle (Lane 11) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). 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 (1:500 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036,1:10,000 dilution) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using SuperSignal™ West Pico PLUS Chemiluminescent Substrate (Product # 34580).



ITGA3 Antibody (PA5-86556)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines and tissues owing to their inherent genetic constitution. Relative expression of ITGA3 was observed in U-87 MG, A549, A-431, HeLa, Mouse Lung and Rat Lung in comparison to Daudi, HEK-293, K-562, Mouse skeletal muscle and Rat skeletal muscle using Anti-ITGA3 Polyclonal Antibody (Product # PA5-86556) in Western Blot. {RE}



ITGA3 Antibody (PA5-86556) in WB

Western blot analysis of ITGA3 in Lane 1: AML-12 whole cell lysate (20 µg), Lane 2: PC12 whole cell lysate (10 µg), Lane 3: HepG2 whole cell lysate (20 µg). Sample was incubated with ITGA3 polyclonal antibody (Product # PA5-86556) using a 1:500 dilution.



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