

NUP214 Polyclonal Antibody

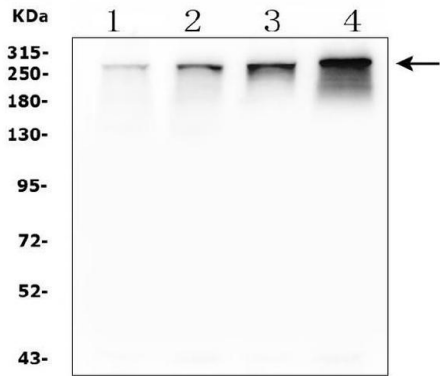
Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human NUP214 recombinant protein (Position: K36-E374).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2884827

Applications	Tested Dilution	Publications
Western Blot (WB)	0.25-0.5 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-
ELISA (ELISA)	0.1-0.5 µg/mL	-

Product Specific Information

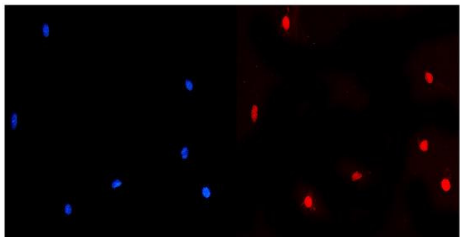
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For NUP214 Polyclonal Antibody



NUP214 Antibody (PA5-114371) in WB

Western blot analysis of NUP214 in the following samples: Lane 1: human HeLA whole cell lysates, Lane 2: human HEK293 whole cell lysates, Lane 3: human K562 whole cell lysates, Lane 4: human THP-1 whole cell lysates. Samples consisting of 50 µg (reducing conditions) of protein was separated with 5-20% SDS-PAGE gel (70V, Stacking gel; 90V, Resolving gel; 2-3 hrs.), transferred to a Nitrocellulose membrane (150mA, 50-90 min) and washed with TBS-0.1% Tween (3 times, 5 minutes/wash) and blocked with 5% Non-fat Milk/TBS (1.5 hrs., room temperature). The membrane was incubated in NUP214 polyclonal antibody (Product # PA5-114371) at a dilution of 0.5 µg/mL (overnight, 4°C), followed by goat anti-rabbit IgG-HRP and chemiluminescence (ECL) with a dilution of 1:10,000 (1.5 hours, room temperature).

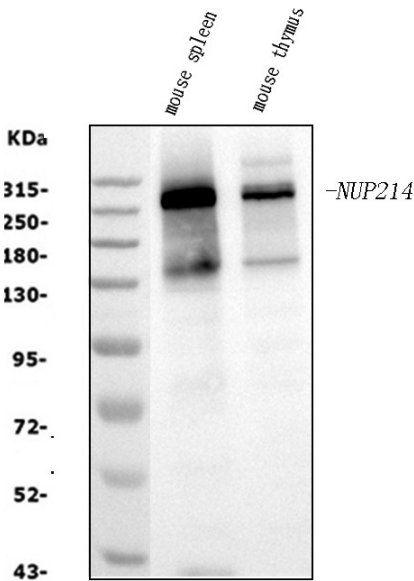


NUP214 Antibody (PA5-114371) in ICC/IF

Immunocytochemistry analysis of NUP214 using anti-NUP214 antibody (Product # PA5-114371). NUP214 was detected in a section of NIH/3T3 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum and then incubated with 2g /mL rabbit anti-NUP214 antibody (Product # PA5-114371) overnight at 4°C. DyLight®594 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

NUP214 Antibody (PA5-114371) in WB

Western blot analysis of NUP214 in, Lane 1: mouse spleen tissue lysates, Lane 2: mouse thymus tissue lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. The membrane was blocked with 5% Non-fat Milk/ TBS for 1. 5 hour at RT. The membrane was incubated with NUP214 Polyclonal Antibody (Product # PA5-114371) at 0.5 g/mL overnight at 4° C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for NUP214 at approximately 280KD. The expected band size for NUP214 is at 214KD.



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