

MNAT1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human MNAT1 recombinant protein (Position: L92-A278).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2746805

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-

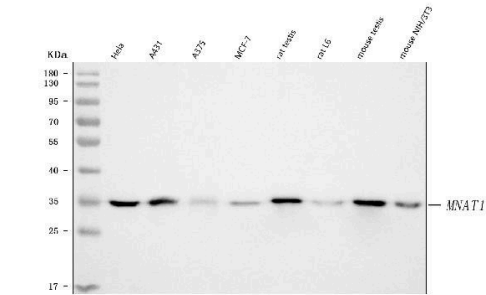
Product Specific Information

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

Product Images For MNAT1 Polyclonal Antibody

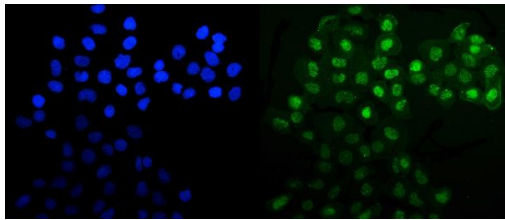
MNAT1 Antibody (PA5-79690) in WB

Western blot analysis of MNAT1 in, Lane 1: human Hela whole cell lysates, Lane 2: human A431 whole cell lysates, Lane 3: human A375 whole cell lysates, Lane 4: human MCF-7 whole cell lysates, Lane 5: rat testis tissue lysates, Lane 6: rat L6 whole cell lysates, Lane 7: mouse testis tissue lysates, Lane 8: mouse NIH /3T3 whole cell 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 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA 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 MNAT1 Polyclonal Antibody (Product # PA5-79690) 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 1:5,000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for MNAT1 at approximately 36 kDa. The expected band size for MNAT1 is at 36 kDa.



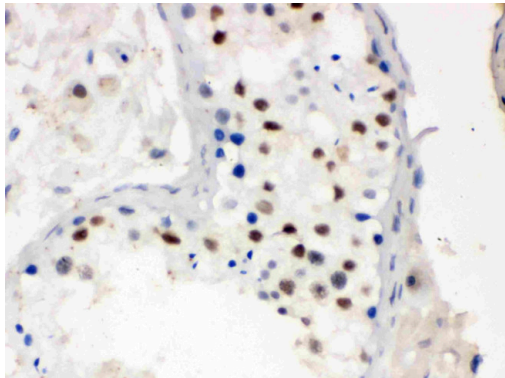
MNAT1 Antibody (PA5-79690) in ICC/IF

Immunocytochemistry analysis of MNAT1 using anti-MNAT1 antibody (Product # PA5-79690) . MNAT1 was detected in a section of A431 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 5g/mL rabbit anti-MNAT1 antibody (Product # PA5-79690) overnight at 4°C. DyLight®488 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.



MNAT1 Antibody (PA5-79690) in IHC (P)

Immunohistochemistry analysis of MNAT1 on paraffin-embedded human testis tissue. Sample was incubated with MNAT1 polyclonal antibody (Product# PA5-79690).



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