

MUT Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human MUT (33-65aa LHQQQLHPEWAALAKKQLKGKNPEDLIWHTPE).
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_2746823

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)	2 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10 ⁶ cells	-

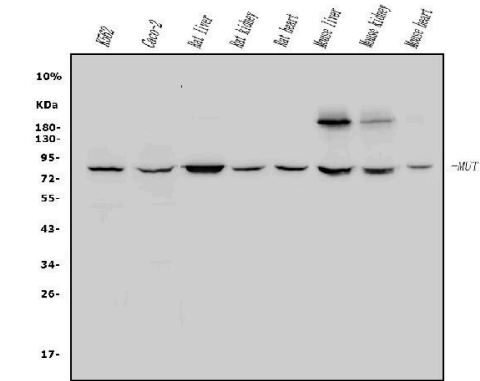
Product Specific Information

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

Product Images For MUT Polyclonal Antibody

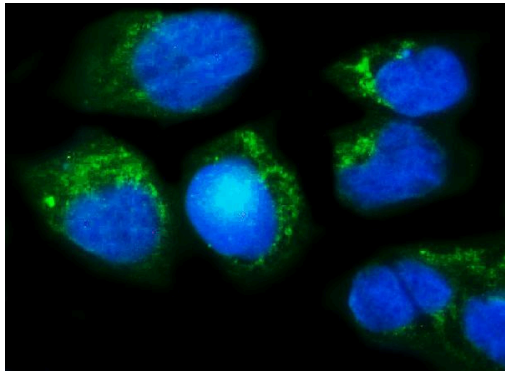
MUT Antibody (PA5-79708) in WB

Western blot analysis of MUT in, Lane 1: human K562 whole cell lysates, Lane 2: huam CACO-2 whole cell lysates, Lane 3: rat liver tissue lysates, Lane 4: rat kidney tissue lysates, Lane 5: rat heart tissue lysates, Lane 6: mouse liver tissue lysates, Lane 7: mouse kidney tissue lysates, Lane 8: mouse heart 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 MUT Polyclonal Antibody (Product # PA5-79708) 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 MUT at approximately 83KD. The expected band size for MUT is at 83KD.



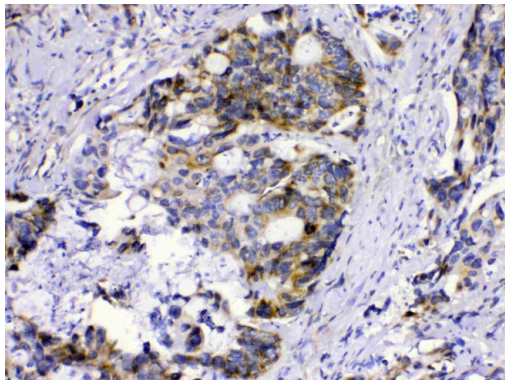
MUT Antibody (PA5-79708) in ICC/IF

Immunocytochemistry analysis of MUT using anti-MUT antibody (Product # PA5-79708) . MUT was detected in a section of U2OS 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-MUT antibody (Product # PA5-79708) 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.



MUT Antibody (PA5-79708) in IHC (P)

Immunohistochemistry analysis of MUT on paraffin-embedded human intestinal cancer tissue. Sample was incubated with MUT polyclonal antibody (Product# PA5-79708) with a dilution of 1 µg/mL, and developed by Streptavidin-Biotin-Complex (SABC) method.



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