

Datasheet for ABIN1385942
anti-MUL1 antibody (AA 45-95)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	MUL1
Binding Specificity:	AA 45-95
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MUL1/RNF218
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	MUL1
Alternative Name:	MUL1 (MUL1 Products)
Background:	Synonyms: E3 ubiquitin-protein ligase MUL1, C1orf166, E3 ubiquitin ligase, E3 ubiquitin protein

Target Details

ligase MUL1, GIDE, Growth inhibition and death E3 ligase, MAPL, Mitochondrial anchored protein ligase, Mitochondrial ubiquitin ligase activator of NFKB 1, MUL1, MULAN, Putative NF kappa B activating protein 266, RING finger protein 218, RNF218, RP23-25C1.10-002, MUL1_HUMAN.

Background: E3 ubiquitin-protein ligase that plays a role in the control of mitochondrial morphology. Promotes mitochondrial fragmentation and influences mitochondrial localization. Inhibits cell growth. When overexpressed, activates JNK through MAP3K7/TAK1 and induces caspase-dependent apoptosis. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugatin.

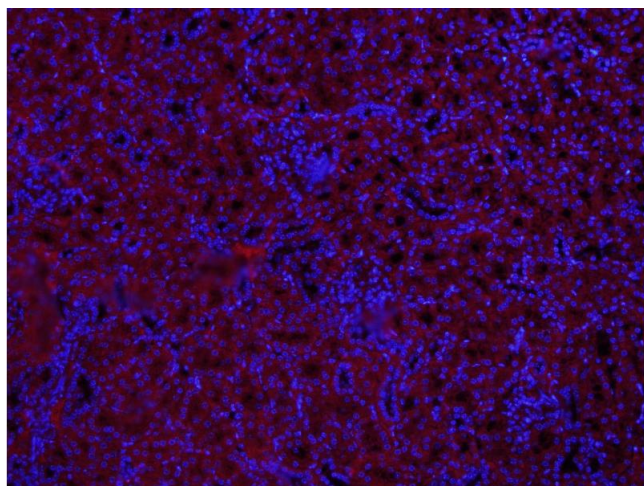
Gene ID:	79594
UniProt:	Q969V5
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

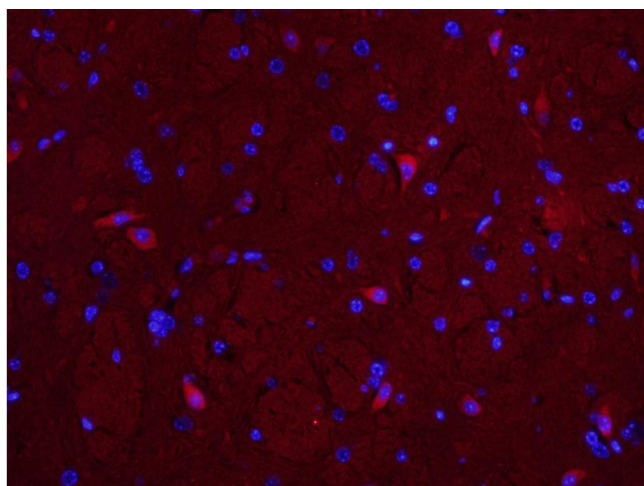
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



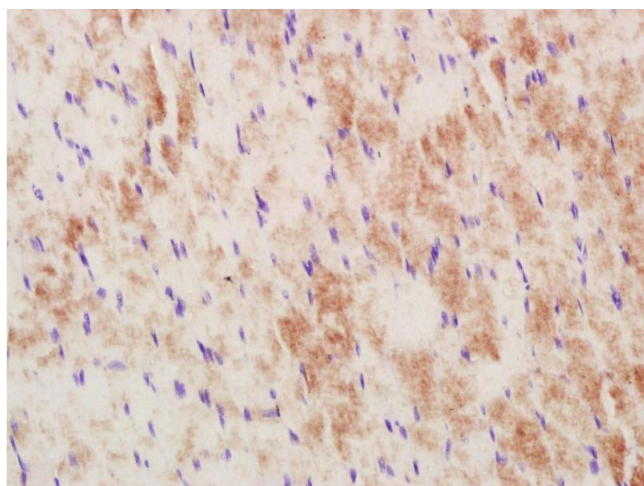
Immunofluorescence (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Mouse kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with MUL1 Polyclonal Antibody, Unconjugated (bs-9291R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (bs-0295g-cy3) for 90 minutes, and DAPI for nuclei staining.



Immunofluorescence (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded Mouse brain; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with MUL1 Polyclonal Antibody, Unconjugated (bs-9291R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (bs-0295g-cy3) for 90 minutes, and DAPI for nuclei staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded Rat skeletal muscle; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with MUL1 Polyclonal Antibody, Unconjugated (bs-9291R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1385942.