

Rabbit anti-Human MBNL3 Polyclonal Antibody | anti-MBNL3 antibody

Anti-MBNL3 Antibody Picoband

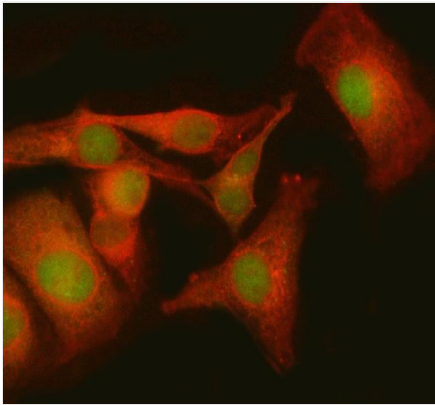
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127512	Rabbit	Human	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

MBNL3; Polyclonal Antibody; Anti-MBNL3 Antibody Picoband; anti-MBNL3 antibody

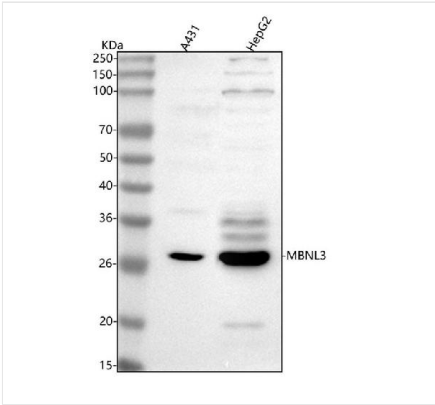
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-MBNL3 antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E coli-derived human MBNL3 recombinant protein (Position: L106-C312).
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



IF (Immunofluorescence)

Figure 2. IF analysis of MBNL3 using anti-MBNL3 antibody (AAA127512) and anti-Beta Tubulin antibody (M01857-3).MBNL3 was detected in immunocytochemical section of HELA cell. 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 5ug/mL rabbit anti-MBNL3 Antibody (AAA127512) and mouse anti-Beta Tubulin antibody (M01857-3) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG and DyLight550 Conjugated Goat Anti-Mouse IgG (BA1133) were used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37 degree C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of MBNL3 using anti-MBNL3 antibody (AAA127512).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 ug of sample under reducing conditions.Lane 1: human A431 whole cell lysates,Lane 2: human HepG2 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-MBNL3 antigen affinity purified polyclonal antibody (#AAA127512) at 0.5ug/mL overnight at 4 degree 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 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for MBNL3 at approximately 27 kDa. The expected band size for MBNL3 is at 39 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MBNL3 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-MBNL3 antibody	Primary Antibodies
References	1. Fardaei, M., Rogers, M. T., Thorpe, H. M., Larkin, K., Hamshire, M. G., Harper, P. S., Brook, J. D. Three proteins, MBNL, MBLL and MBXL, co-localize in vivo with nuclear foci of expanded-repeat transcripts in DM1 and DM2 cells. Hum. Molec. Genet. 11: 805-814, 2002.2. Hartz, P. A. Personal Communication. Baltimore, Md. 1/11/2012.3. Ho, T. H., Charlet-B, N., Poulos, M. G., Singh, G., Swanson, M. S., Cooper, T. A. Muscleblind proteins regulate alternative splicing. EMBO J. 23: 3103-3112, 2004.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19387844
NCBI GeneID	55796
NCBI Accession #	NP_060858
NCBI GenBank Nucleotide #	NM_018388
UniProt Accession #	Q9NUK0; Q5JXN8; Q5JXN9; Q5JXP4; Q6UDQ1; Q8IUR4; Q8TAD9; Q8TAF4; Q9H0Z7; Q9UF37
Molecular Weight	27,687 Da
NCBI Official Full Name	muscleblind-like protein 3 isoform 1
NCBI Official Synonym Full Names	muscleblind-like splicing regulator 3
NCBI Official Symbol	MBNL3
NCBI Official Synonym Symbols	CHCR; MBLX; MBXL; MBLX39

NCBI Protein Information	muscleblind-like protein 3; Cys3His CCG1-required protein; muscleblind-like 3; muscleblind-like X-linked protein
UniProt Protein Name	Muscleblind-like protein 3
UniProt Gene Name	MBNL3
UniProt Synonym Gene Names	CHCR; MBLX39; MBXL
UniProt Entry Name	MBNL3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mbnl3-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/127512>