

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

MBNL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234881	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

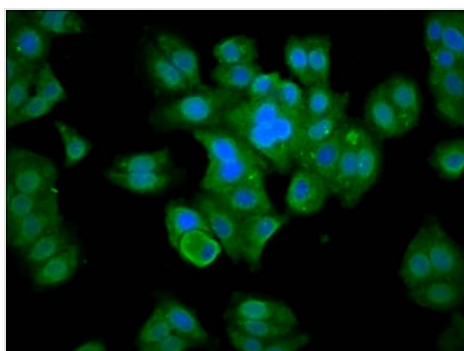
PRODUCT SYNONYMS

MBNL3; Polyclonal Antibody; MBNL3 Antibody; Muscleblind-like protein 3; Cys3His CCG1-required protein; Muscleblind-like X-linked protein; Protein HCHCR; CHCR; MBLX39; MBXL; anti-MBNL3 antibody

PRODUCT SPECIFICATIONS

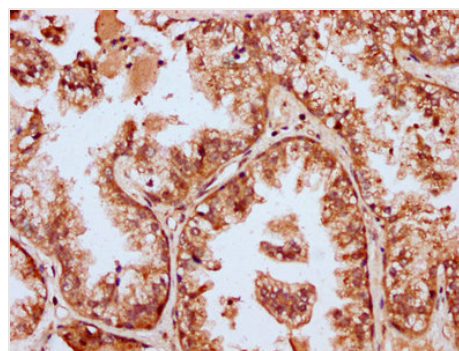
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	304
Applicable Applications for anti-MBNL3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Muscleblind-like protein 3 protein (116-211AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234881 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234881 diluted at 1:400 and staining in paraffin-embedded human prostate cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-MBNL3 antibody	Mediates pre-mRNA alternative splicing regulation. Acts either as activator or repressor of splicing on specific pre-mRNA targets. Inhibits cardiac troponin-T (TNNT2) pre-mRNA exon inclusion but induces insulin receptor (IR) pre-mRNA exon inclusion in muscle. Antagonizes the alternative splicing activity pattern of CELF proteins. May play a role in myotonic dystrophy pathophysiology (DM). Could inhibit terminal muscle differentiation, acting at approximately the time of myogenin induction.
Product Categories/Family for anti-MBNL3 antibody	Epigenetics and Nuclear Signaling; Cancer; Cell biology; Developmental biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	282721002
NCBI GeneID	55796
NCBI Accession #	NP_001164172.1
NCBI GenBank Nucleotide #	NM_001170701.1
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 3
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
UniProt Protein Name	Muscleblind-like protein 3
UniProt Gene Name	MBNL3
UniProt Synonym Gene Names	CHCR; MBLX39; MBXL

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.