

Rabbit Emerin Polyclonal Antibody | anti-EMD antibody

Emerin Antibody

CATALOG # AAA39370	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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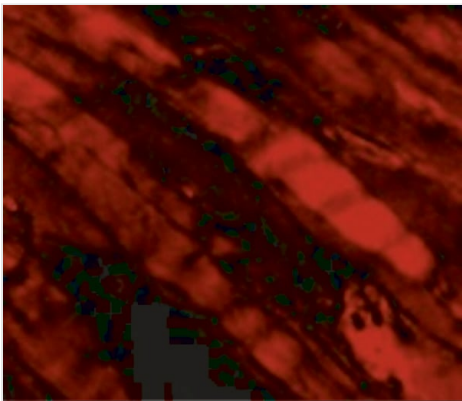
PRODUCT SYNONYMS

Emerin; Polyclonal Antibody; Emerin Antibody; STA; EDMD; LEMD5; emerin; anti-EMD antibody

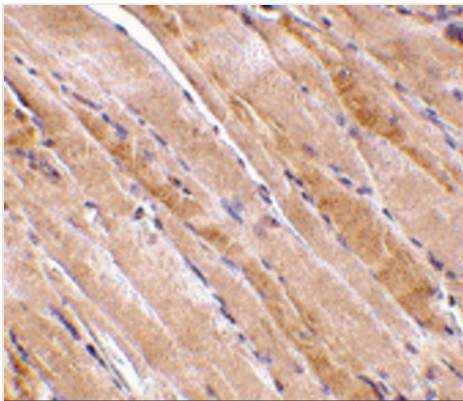
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Emerin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	254
Applicable Applications for anti-EMD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Emerin antibody was raised against a 19 amino acid synthetic peptide from near the amino terminus of human Emerin.
Buffer	Emerin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Emerin antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

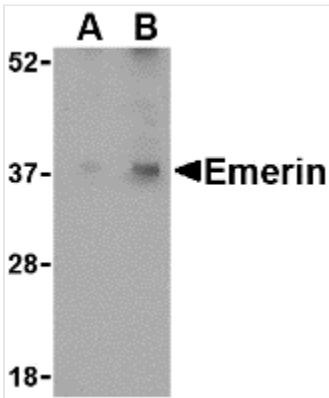
IMAGES



IF (Immunofluorescence)
Immunofluorescence of Emerin in Human Skeletal Muscle cells with Emerin antibody at 5 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of emerin in human skeletal muscle tissue with emerin antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of Emerin in human skeletal muscle tissue lysate with Emerin antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-EMD antibody	Emerin Antibody: Emerin is a serine-rich nuclear membrane protein and a member of the nuclear lamina-associated protein family that includes proteins such as LAP2 and MAN1. Each family member, including Emerin, has an ~40 amino acid LEM-domains that binds barrier-to-autointegration (BANF1), a conserved chromatin protein that also serves as a host cell component of retroviral integration complexes, including that of HIV. Emerin is anchored at the inner membrane of the nuclear envelope where it binds to nuclear intermediate filaments that are formed by lamin proteins. Dreifuss-Emery muscular dystrophy is an X-linked inherited degenerative myopathy resulting from mutation in the emerin gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557553
NCBI GeneID	2010
NCBI Accession #	NP_000108
NCBI GenBank Nucleotide #	NM_000117.2
UniProt Accession #	P50402; Q6FI02
Molecular Weight	28,994 Da
NCBI Official Full Name	emerin
NCBI Official Synonym Full Names	emerin

NCBI Official Symbol	EMD
NCBI Official Synonym Symbols	STA; EDMD; LEMD5
NCBI Protein Information	emerin; LEM domain containing 5
UniProt Protein Name	Emerin
UniProt Gene Name	EMD
UniProt Synonym Gene Names	EDMD; STA
UniProt Entry Name	EMD_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/emerin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39370>