

Anti-EMD / Emerin Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17986**Specification**

Anti-EMD / Emerin Antibody (N-Terminus) - Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC-P, FC |
| Primary Accession | P50402 |
| Predicted | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 28994 |

Anti-EMD / Emerin Antibody (N-Terminus) - Additional Information**Gene ID** 2010

| | |
|--|-----|
| Alias Symbol | EMD |
| Other Names | |
| EMD, EDMD, Emerin, LEM domain containing 5, LEMD5, STA | |

Reconstitution & Storage
Ammonium sulfate precipitation**Precautions**

Anti-EMD / Emerin Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-EMD / Emerin Antibody (N-Terminus) - Protein Information**Name** EMD**Synonyms** EDMD, STA**Function**

Stabilizes and promotes the formation of a nuclear actin cortical network. Stimulates actin polymerization in vitro by binding and stabilizing the pointed end of growing filaments. Inhibits beta- catenin activity by preventing its accumulation in the nucleus. Acts by influencing the nuclear accumulation of beta-catenin through a CRM1- dependent export pathway. Links centrosomes to the nuclear envelope via a microtubule association. Required for proper localization of non- farnesylated prelamin-A/C. Together with NEMP1, contributes to nuclear envelope stiffness in germ cells (PubMed:32923640). EMD and BAF are cooperative cofactors of HIV-1 infection. Association of EMD with the viral DNA requires the presence of BAF and viral integrase. The association of viral DNA with chromatin requires the presence of BAF and EMD.

Cellular Location

Nucleus inner membrane; Single-pass membrane protein; Nucleoplasmic side. Nucleus outer

membrane. Note=Colocalized with BANF1 at the central region of the assembling nuclear rim, near spindle-attachment sites. The accumulation of different intermediates of prelamin-A/C (non-farnesylated or carboxymethylated farnesylated prelamin-A/C) in fibroblasts modify its localization in the nucleus

Tissue Location

Skeletal muscle, heart, colon, testis, ovary and pancreas

Anti-EMD / Emerin Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-EMD / Emerin Antibody (N-Terminus) - Images