

Datasheet for ABIN719563

anti-Emerin antibody (AA 25-125) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Emerin (EMD)
Binding Specificity:	AA 25-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Emerin antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Emerin
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Emerin (EMD)
Alternative Name:	Emerin (EMD Products)
Background:	Synonyms: EDMD, EMD, EMD_HUMAN, Emerin, Emery Dreuss muscular dystrophy, STA.

Target Details

Background: 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. 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. Required for proper localization of non-farnesylated prelamin-A/C. Tissue specificity, Skeletal muscle, heart, colon, testis, ovary and pancreas.

Gene ID: 2010

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months