

Rabbit Moloney murine leukemia virus Gag polyprotein Polyclonal Antibody | anti-gag antibody

Rabbit anti-Moloney murine leukemia virus Gag polyprotein polyclonal Antibody, HRP conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA117944	Rabbit	Moloney murine leukemia virus	ELISA

PRODUCT SYNONYMS

Moloney murine leukemia virus Gag polyprotein; Polyclonal Antibody; Rabbit anti-Moloney murine leukemia virus Gag polyprotein polyclonal Antibody; HRP conjugated; Gag polyprotein (Pr65gag) (Core polyprotein) [Cleaved into: Matrix protein p15 (MA); RNA-binding phosphoprotein p12 (pp12); Capsid protein p30 (CA); Nucleocapsid protein p10-Gag (NC-gag)]; gag; anti-gag antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Moloney murine leukemia virus
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	538
Applicable Applications for anti-gag antibody	ELISA
Immunogen	Recombinant Moloney murine leukemia virus Gag polyprotein protein (216-478AA)
Conjugate	HRP
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Species	Moloney murine leukemia virus
Research Area	Others
Target Names	gag
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-gag antibody	Gag polyprotein plays a role in budding and is processed by the viral protease during virion maturation outside the cell. During budding, it recruits, in a PPXY-dependent or independent manner, Nedd4-like ubiquitin ligases that conjugate ubiquitin molecules to Gag, or to Gag binding host factors. Interaction with HECT ubiquitin ligases probably link the viral protein to the host ESCRT pathway and facilitate release. Matrix protein p15 targets Gag and gag-pol polyproteins to the plasma membrane via a multipartite membrane binding signal, that includes its myristoylated N-terminus. Also mediates nuclear localization of the preintegration complex. Capsid protein p30 forms the spherical core of the virion that encapsulates the genomic RNA-nucleocapsid complex. Nucleocapsid protein p10 is involved in the packaging and encapsidation of two copies of the genome. Binds with high affinity to conserved UUG elements within the packaging signal, located near the 5'-end of the genome. This binding is dependent on genome dimerization.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9626959
NCBI GeneID	1491870
NCBI Accession #	NP_057934.1
NCBI GenBank Nucleotide #	NC_001501.1
UniProt Accession #	P03332; Q9WJP4
NCBI Official Full Name	Pr65
NCBI Official Symbol	gag
NCBI Protein Information	Pr65; p15 MA; pp12; p30 CA; p10 NC
UniProt Protein Name	Gag polyprotein
UniProt Gene Name	gag
UniProt Synonym Gene Names	Pr65gag; MA; CA; NC-gag
UniProt Entry Name	GAG_MLVMS

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://www.aaabiotech.com/polyclonal/moloney-murine-leukemia-virus-gag-polyprotein-antibody-elisa/117944>