

AibGenesis™ Mouse Anti-Avian Sapelovirus Genome Polyprotein Monoclonal Antibody

Cat. No.: VRS-0124-YT1762

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Overview

Target	Genome polyprotein
Specificity	This antibody is specific for Genome polyprotein of Avian Sapelovirus.
Clone	TJ0042
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Avian Sapelovirus

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Genome polyprotein.
Purity	>95%

Packaging, Storage & Formulations

Form	Liquid, please specify if lyophilized powder is required.
Formulation	PBS (pH 7.4) without any preservative, please specify if any additional requirements.
Preservative	Preservative-free, please specify if any additional requirements.

Applications

Application	ELISA
Application Notes	The antibody is screened by ELISA using the synthetic peptide that corresponds to a partial sequence of Avian Sapelovirus Genome polyprotein as the capture antigen. Additional applications have not been validated. It is recommended that the end use

rs validate other applications and determine optimal concentrations/dilution under their experimental conditions.

Other Product Details

Type	Primary Antibody
Clonality	Monoclonal
Related Disease	Neurologic Disorders
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA Virus
Virus Name	Avian Sapelovirus
Virus Alternatives Names	Avian Sapelovirus; ASV
Genome Composition	ssRNA(+)

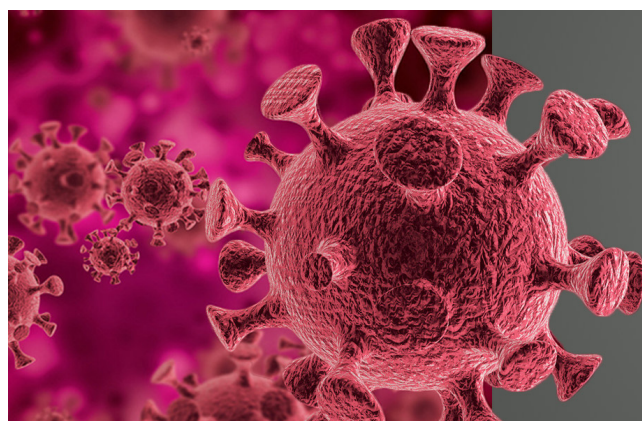
Target

Introduction	Sapelovirus is small, non-enveloped viruses with single-stranded, positive-sense genomic RNA. In general, the genomes (7.2-9.1 kb long) have a common organizational pattern. The single ORF that encodes the polyprotein is flanked by 5' and 3' UTRs. The viral polyprotein has been divided into three regions: P1, P2 and P3. The P1 region encodes the viral capsid proteins (VP4-VP2-VP3-VP1), whilst the P2 and P3 regions encode proteins involved in protein processing and genome replication.
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Target Alternative Names	Genome polyprotein, DPTV90A_gp1
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Gene ID	5076429
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UniProt ID	Q672R3
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AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.