Datasheet for ABIN7179172

anti-Outer capsid glycoprotein VP7 antibody (AA 51-326) (Biotin)

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Overview

Quantity:	100 µg
Target:	Outer capsid glycoprotein VP7 (ADRSJV19_S9GP1)
Binding Specificity:	AA 51-326
Reactivity:	Rotavirus A
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Outer capsid glycoprotein VP7 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Rotavirus A Outer capsid glycoprotein VP7 protein (51-326AA)
Isotype:	IgG
Cross-Reactivity:	Rotavirus A
Purification:	>95%, Protein G purified

Target Details

Target:	Outer capsid glycoprotein VP7 (ADRSJV19_S9GP1)
Alternative Name:	Outer capsid glycoprotein VP7 (ADRSJV19_S9GP1 Products)
Target Type:	Viral Protein
Background:	Background: Calcium-binding protein that interacts with rotavirus cell receptors once the initial

Target Details

	attachment by VP4 has been achieved. Rotavirus attachment and entry into the host cell probably involves multiple sequential contacts between the outer capsid proteins VP4 and VP7, and the cell receptors. Following entry into the host cell, low intracellular or intravesicular Ca2+ concentration probably causes the calcium-stabilized VP7 trimers to dissociate from the virion. This step is probably necessary for the membrane-disrupting entry step and the release of VP4, which is locked onto the virion by VP7. Aliases: antibody, Outer capsid glycoprotein VP7 antibody
UniProt:	P10501

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.