Datasheet for ABIN6990957

anti-Adenovirus 9 E4 Orf1 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	Adenovirus 9 E4 Orf1 (HAdV-9 E4-ORF1)
Binding Specificity:	C-Term
Reactivity:	Human Adenovirus 9
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenovirus 9 E4 Orf1 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Ad-9 E4 Orf1 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of the Ad-9 E4 Orf1. The immunogen is located within the last 50 amino acids of Adenovirus-9 E4 Orf1.
Isotype:	IgG
Purification:	Adenovirus-9 E4 Orf1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Adenovirus 9 E4 Orf1 (HAdV-9 E4-ORF1)
Alternative Name:	Adenovirus-9 E4 Orf1 (HAdV-9 E4-ORF1 Products)
Target Type:	Viral Protein

Target Details

Background:	Adenovirus-9 E4 Orf1 Antibody: The many different serotypes of human adenoviruses (Ad) are divided into six subgroups, of which all Ad subgroup A and B and two subgroup D Ads can elicit tumors in infected rodents. Unlike the Ads from subgroup A and B, the ones from subgroup D, Ad9 and Ad10 elicit estrogen-dependent mammary tumors as opposed to undifferentiated sarcomas. In the case of Ad9, its tumorigenicity is dependent on the product of the open reading frame (ORF) 1 of the early region 4 (E4). The tumorigenic potential of Ad9 E4 Orf1 depends on a carboxyl-terminal PDZ domain-binding motif that mediates interactions with several different membrane-associated cellular proteins such as MUPP1, PATJ, MAGI-1, ZO-2 and Dlg1. It has been suggested that Ad9 E4 Orf1 may have evolved from an ancestral cellular dUTP pyrophosphatase.
Gene ID:	6386282
UniProt:	P89079

Application Details

Application Notes:	Ad-9 E4 Orf1 antibody can detect 10 ng Ad-9 E4 Orf1 peptide in ELISA at 1 µ,g/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Adenovirus-9 E4 Orf1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	Adenovirus-9 E4 Orf1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.