



# Rabbit Anti-IAV H7N9 (A/northern shoverl/Mississippi/11OS145/2011) M2 Polyclonal Antibody (CABT-CS802)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Reacts with the matrix protein 2 of influenza A viruses that contains the same ectodomain sequence
<b>Target</b>	H7N9 M2
<b>Immunogen</b>	Synthesized 24-amino acid peptide, MSLLTEVETPTRNGWECKSDSSD, the ectodomain of matrix protein 2 (M2e) of the influenza A (A/northern shoverl/Mississippi/11OS145/2011/H7N9) (GenBank accession# AGE08100) virus
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	IAV
<b>Purification</b>	Immunoaffinity chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	WB, ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	2 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	PBS with 0.1% sodium azide

<b>Preservative</b>	0.1% sodium azide
<b>Storage</b>	Store at -20°C; Do not freeze and thaw. Stable for 3-months from the date of shipment when kept at 4°C. Nonhazardous. No MSDS required.

## BACKGROUND

<b>Introduction</b>	<p>The M2 protein (matrix protein 2) is a proton-selective ion channel protein, the third integral membrane protein, of the influenza A virus. The channel itself is a homotetramer that consists of four identical M2 units. With the N-terminal methionine removed, the remaining N-terminal 23-amino acid sequence of M2 is known as M2 ectodomain (M2e). M2e is highly conserved in both human and avian influenza A viruses. It is widely used as a promising candidate target for developing a valid and versatile vaccine against all strains of human influenza A virus.</p>
<b>Keywords</b>	<p>Influenzavirus A; Influenza A virus; Influenza A virus H7N9; H7N9; IAV H7N9; IAV H7N9 Matrix; IAV H7N9 M2 Protein; H7N9 M2 Protein; H7N9 M2</p>