



# Rabbit Anti-IAV H3N2 (A/Brisbane/10/2007) M2 Polyclonal Antibody (CABT-CS799)

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 that contains the same ectodomain sequence.
<b>Target</b>	H3N2 M2
<b>Immunogen</b>	Synthesized 24-amino acid peptide, MSLLTEVETPIRNEWGCRCNDSSD, the ectodomain of matrix protein 2 (M2e) of the influenza A virus (A/Brisbane/10/2007/H3N2) (GenBank accession# ACO95272), which is identical to M2e sequence of (A/Hong Kong/4801/2014/H3N2).
<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

**Storage**

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.

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## BACKGROUND

**Introduction**

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.

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**Keywords**

Influenzavirus A; Influenza A virus; Influenza A virus H3N2; H3N2; IAV H3N2; IAV H3N2 Matrix; IAV H3N2 M2 Protein; H3N2 M2 Protein; H3N2 M2

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