

Anti-Avian Influenza A Neuraminidase antibody ab21305

3 References [画像数 2](#)

製品の概要

製品名	Anti-Avian Influenza A Neuraminidase antibody
製品の詳細	Rabbit polyclonal to Avian Influenza A Neuraminidase
由来種	Rabbit
特異性	ab21305 can be used for the detection of the Neuraminidase protein from the H5N1 strain of avian influenza A in ELISA and WB. It will detect 10 ng of free peptide at 1 µg/mL.
アプリケーション	適用あり: ELISA, WB
種交差性	交差種: Influenza A
免疫原	Synthetic peptide corresponding to 16 amino acids in the middle of the Neuraminidase protein. Efforts were made to use relatively conserved regions as the antigen.
ポジティブ・コントロール	WB: Avian Influenza Neuraminidase recombinant protein. ELISA: Avian Influenza Neuraminidase recombinant protein.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab21305の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use a concentration of 1 µg/ml. Detects 10 ng of free peptide.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 51 kDa.

ターゲット情報

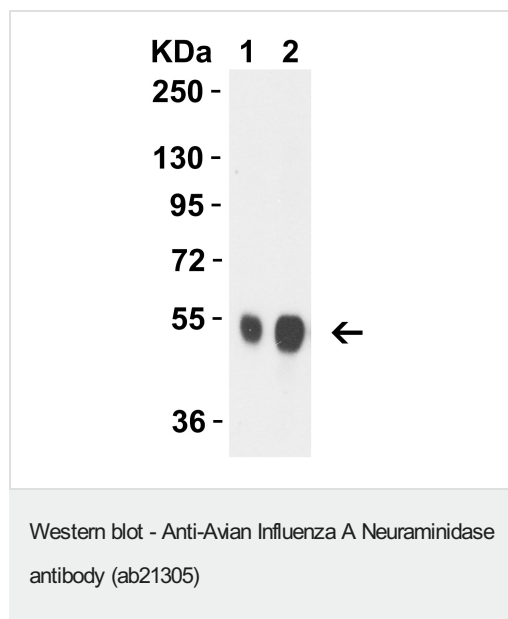
関連性

Catalyzes the removal of terminal sialic acid residues from viral and cellular glycoconjugates. Cleaves off the terminal sialic acids on the glycosylated HA during virus budding to facilitate virus release. Additionally helps virus spread through the circulation by further removing sialic acids from the cell surface. These cleavages prevent self-aggregation and ensure the efficient spread of the progeny virus from cell to cell. Otherwise, infection would be limited to one round of replication. Described as a receptor-destroying enzyme because it cleaves a terminal sialic acid from the cellular receptors. May facilitate viral invasion of the upper airways by cleaving the sialic acid moieties on the mucin of the airway epithelial cells. Likely to play a role in the budding process through its association with lipid rafts during intracellular transport. May additionally display a raft-association independent effect on budding. Plays a role in the determination of host range restriction on replication and virulence. Sialidase activity in late endosome/lysosome traffic seems to enhance virus replication.

細胞内局在

Cell Membrane; Virion membrane. Apical cell membrane; Single-pass type II membrane protein (By similarity).

画像



All lanes : Anti-Avian Influenza A Neuraminidase antibody
(ab21305) at 1 µg/ml

Lane 1 : 50 ng of Avian Influenza Neuraminidase recombinant protein

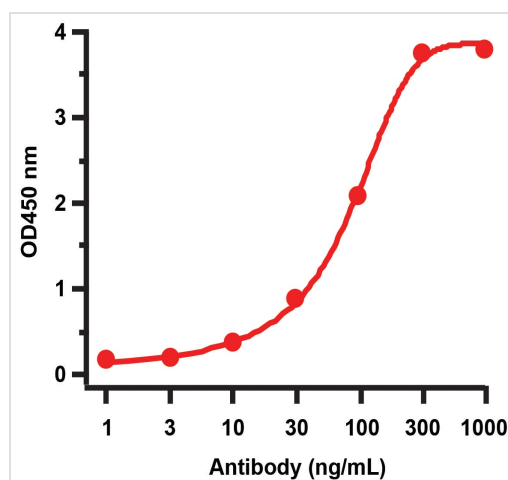
Lane 2 : 100 ng of Avian Influenza Neuraminidase recombinant protein

Secondary

All lanes : Goat anti-rabbit IgG HRP conjugate at 1/10000 dilution

Predicted band size: 51 kDa

1h incubation at RT in 5% NFDM/TBST.



ELISA - Anti-Avian Influenza A Neuraminidase antibody (ab21305)

Validation with Avian Influenza NA Protein Coating Antigen: Avian Influenza Neuraminidase recombinant protein, 2 µg/mL, incubated at 4 °C overnight. Detection Antibodies: ab21305, dilution: 1-1000 ng/mL, incubated at RT for 1 hr. Secondary Antibodies: Goat anti-rabbit HRP at 1/10000 dilution, incubated at RT for 1 hr.

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