

Product Datasheet

APOBEC3A Antibody NB100-93428

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-93428

APOBEC3A Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Immunogen affinity purified
Buffer	Tris (pH 7.3), 0.5% BSA

Product Description	
Host	Goat
Gene ID	200315
Gene Symbol	APOBEC3A
Species	Human
Immunogen	Peptide with sequence C-TSNFNNGIGRHKTY corresponding to internal region according to NP_663745.1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA, Immunofluorescence
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry, Immunohistochemistry 3 - 6 ug/ml, Immunohistochemistry-Paraffin 3 - 6 ug/ml, Peptide ELISA Detection limit 1:8000, Immunofluorescence
Application Notes	WB: Preliminary experiments gave an approx. 28 kDa band in human spleen, tonsil and peripheral blood mononucleocyte lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 23.0 kDa band according to NP_663745.1. The 28 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human tonsil shows staining of distinct parts of the nucleus in lymphoid cells.

Publications

Tunou M Generation of KO cell lines of APOBEC 3A, 3B and 3G using CRISPR/Cas9 Brain 2019-11-23 [PMID: 31755958]

Heller M, Prigge ES, Kaczorowski A et al. APOBEC3A Expression in Penile Squamous Cell Carcinoma Pathobiology. 2017-11-23 [PMID: 29166639] (Human)

Goila-Gaur R, Khan MA, Miyagi E et al. Targeting APOBEC3A to the viral nucleoprotein complex confers antiviral activity. Retrovirology 2007-08-29 [PMID: 17727729]

Zahoor MA, Xue G, Sato H et al. HIV-1 Vpr Induces Interferon-Stimulated Genes in Human Monocyte-Derived Macrophages PLoS ONE 2014-08-29 [PMID: 25170834] (WB, Human)

Details:
Goat anti-APOBEC3A antibody used for western blotting on cell lysates from Ad-Vpr, Ad-Zs or mock-infected MDMs (figure 7).



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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