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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

Anti-Glycoprotein G [NAbC] Standard Size Ab03679-23.0

Isotype and Format: Rabbit IgG, Kappa

Clone Number: NAbC

Alternative Name(s) of Target: CHPV; CHPV glycoprotein G; CHPV G protein; G-protein; surface glycoprotein

UniProt Accession Number of Target Protein: E3T3A7; P13180; A0A290D162

Published Application(s): neutralize, ELISA

Published Species Reactivity: Chandipura virus (CHPV)

Immunogen: This antibody was generated against strain CIN0327 of the Chandipura virus (CHPV).

Specificity: This antibody binds the surface glycoprotein (G-protein) of Chandipura Virus (CHPV), a member of Rhabdoviridae. This virus is responsible for an explosive outbreak, with high mortality, in rural areas of India. It affects mostly children and is characterized by encephalitic illness or influenza-like illness and neurologic dysfunctions. It is transmitted by vectors such as mosquitoes, ticks and sand flies.

Application Notes: This antibody can neutralize prototype I653514 as well as the currently circulating strain 148974 of the Chandipura virus. This antibody can be used for the detection of CHPV in a sample using ELISA (PMID 30116984).

Antibody First Published in: Pavitrakar et al. Identification of a conserved neutralizing epitope in the G-protein of Chandipura virus. Arch Virol. 2018 Dec;163(12):3215-3223. [PMID:30116984](#)

Note on publication: This paper compares the surface glycoprotein (G-protein) of Chandipura virus from prototype and recent outbreak strains using in silico tools and in vitro experiments.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.