



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Anti-GP (Zaire Ebolavirus 2014) Rabbit Polyclonal Antibody

CATALOG NUMBER: ZEB-GP-005, 100 µg

### Introduction

The Ebola virus (EBOV) is a mononegavirus which contains a 19 kb single-stand RNA encoding seven proteins, nucleoprotein (NP), including polymerase cofactors (VP35), matrix protein (VP40), Glycoprotein (GP), transcription activator (VP30), VP24, and RNA-dependent RNA polymerase (L). Rates of genetic change of ebolavirus are 100 times slower than influenza A in humans, but on the same magnitude as those of hepatitis B.

The main Ebolavirus glycoprotein (GP) is the only viral protein found on the surface of the Ebola viron and is therefore responsible for mediating attachment and entry of the virus into host cells.

### Applications

Western blot (1:1,000-5,000), ELISA , IP, etc.

### Description

Rabbit polyclonal antibody

### Immunogen

A mixture of full length GP protein and truncated GP protein (without “mucin-like domain”) of Zaire Ebolavirus (isolate H.sapiens wt/GIN/2014/Gueckedou-C07) (GenBank Accession No. KJ660347)

### Specificity

Reacts with GP protein of Zaire Ebolavirus (2014). Cross-reactivity to other EBOV subtypes or strains not tested.

### Purification

Immunoaffinity chromatography

### Isotype

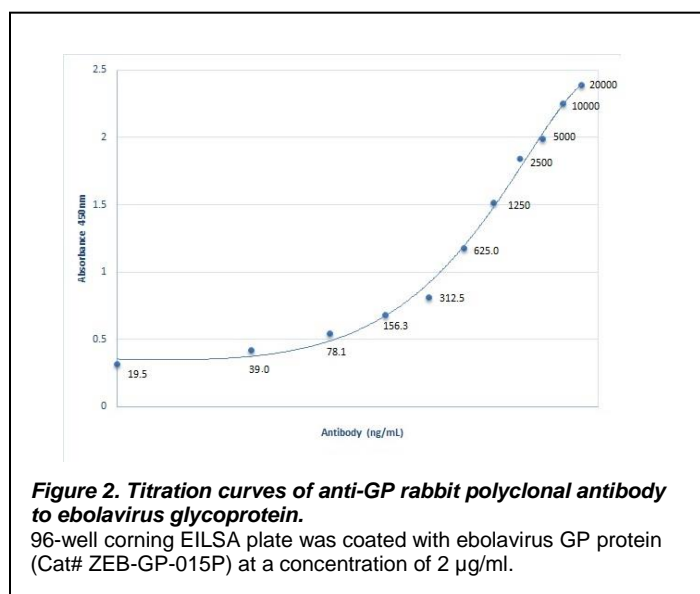
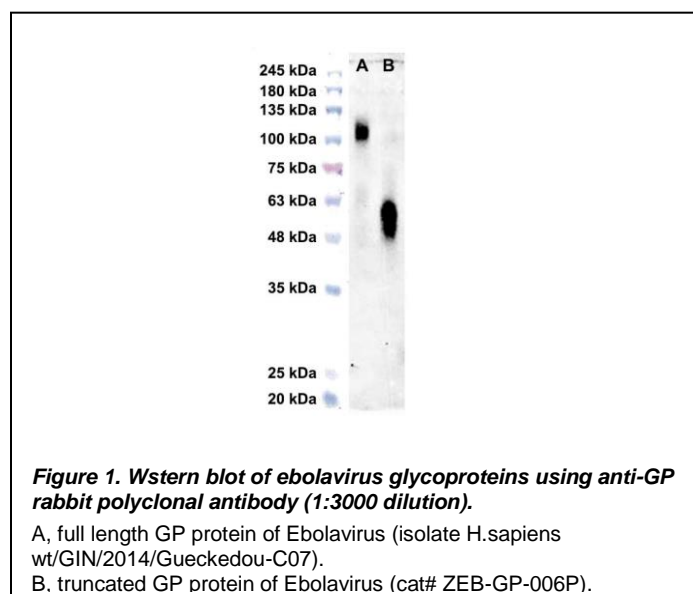
IgG

### Storage

Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous, no MSDS required.

### Concentration

2 µg/µl in PBS with 0.1% sodium azide



**Reference:**

1. Baize, S, et al. Emergence of Zaire Ebola virus disease in Guinea. N Engl J Med, 371: 1418-1425, 2014.

