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Glycoprotein G Polyclonal Antibody

(Catalog # A53464)

Background
Attaches the virus to host cellular receptor, inducing endocytosis of the virion. In the endosome, the acidic pH induces conformational changes in the glycoprotein trimer, which trigger fusion between virus and cell membrane. There is convincing in vitro evidence that the muscular form of the nicotinic acetylcholine receptor (nAChR), the neuronal cell adhesion molecule (NCAM), and the p75 neurotrophin receptor (p75NTR) bind glycoprotein G and thereby facilitate rabies virus entry into cells.

Description
Glycoprotein G Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
Liquid. 0.03% Proclin 300. 50% Glycerol, 0.01M PBS, pH 7.4.

Specificity
Rabies virus

Isotype
IgG

Uniprot ID
P03524

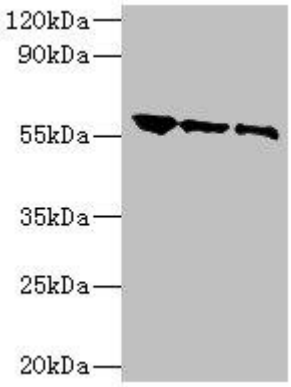
Purification
Protein G purified

Immunogen
Recombinant Rabies virus Glycoprotein protein (20-459AA)

Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C (short-term) or -80°C (long-term). Avoid repeated freeze.

Alternative Names
G

Application
ELISA, WB; Recommended dilution: WB:1:1000-1:5000



Western blot
All lanes: Glycoprotein G Polyclonal Antibody at 1:500
Lane 1: Rabies virus antigen 1: 2
Lane 2: Rabies virus antigen 1:10
Lane 3: Rabies virus antigen 1:20
Secondary
Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 58kDa
Observed band size: 58kDa

