# G Antibody

**Product Code**: CSB-PA14899A0Rb

**Storage**: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

**Uniprot No.**: P03524

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

**Raised In**: Rabbit

**Species Reactivity**: Rabies virus

**Tested Applications**: ELISA, WB; Recommended dilution: WB: 1:1000-1:5000

**Relevance**: 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.

**Form**: Liquid

**Conjugate**: Non-conjugated

**Storage Buffer**: Preservative: 0.03% Proclin 300
Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

**Purification Method**: >95%, Protein G purified

**Isotype**: IgG

**Clonality**: Polyclonal

**Alias**: Glycoprotein, G

**Species**: Rabies virus

**Research Area**: Others

**Target Names**: G

**Image**

- Western blot
  - All lanes: Rabies virus Glycoprotein G 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 IgG at 1/10000 dilution
  - Predicted band size: 58 kDa
  - Observed band size: 58 kDa