

## Anti-Rabies Virus Glycoprotein [A11] Standard Size Ab02096-205.0

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

This chimeric dog antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** , Kappa

**Clone Number:** A11

**Alternative Name(s) of Target:** PV GP; PV; RABV; Site II; Glycoprotein; Rabies virus; strain Pasteur vaccins, Lyssavirus

**UniProt Accession Number of Target Protein:** P08667

**Published Application(s):** WB, ELISA

**Published Species Reactivity:** Rabies virus (Pasteur strain)

**Immunogen:** The original antibody was generated by immunizing mice with inactivated rabies virus (Pasteur strain).

**Specificity:** This antibody recognizes and binds the amino acid 'SGFSY' in the antigenic site II of rabies glycoprotein (pasteur strain).

**Application Notes:** A11 binding to rabies virus pasteur strain glycoprotein was demonstrated by western blot analysis and ELISA. A11 reacted only with rabies virus in a concentration-dependent manner and showed no reactivity towards other viruses like hepatitis A, hepatitis B, and chikungunya viruses (PMID: 22007309).

**Antibody First Published in:** Aavula et al. Generation and Characterization of an scFv Directed against Site II of Rabies Glycoprotein. Biotechnol Res Int. (2011); 2011:652147. [PMID:22007309](#)

**Note on publication:** Describes the generation, characterization and epitope mapping of this antibody.

## Product Form

**Size:** 50 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.