

Anti-Rabies Virus Glycoprotein [A11] Bulk Size Ab02096-201.1-BT

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: Dog IgG2 (IgG-B), 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: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.