

Anti-endophilin-A2 [K51/1] Standard Size Ab02111-8.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors. Variable region sequences were determined by Dr. James Trimmer at the University of California, Davis, as supported by National Institutes of Health BRAIN Initiative award U24 NS109113.

This chimeric rat 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: Rat IgG2b, Fc Silent™, Kappa

Clone Number: K51/1

Alternative Name(s) of Target: K51/1R; SH3GL1; SH3 domain-containing GRB2-like protein 1; SH3 domain protein 2B; Endophilin A2; Endophilin-2; Extra eleven-nineteen leukemia fusion gene protein; EEN fusion partner of MLL; EEN; SH3D2B; SH3p8; CNSA1

UniProt Accession Number of Target Protein: O35964

Published Application(s): IB, IP, IHC

Published Species Reactivity: Rat

Immunogen: This antibody was raised by immunising BALB/c mice with a synthetic peptide corresponding to amino acids 287-302 of rat endophilin-A2

Specificity: This antibody is specific for rat endophilin-A2.

Application Notes: This antibody has been used in immunoblot analysis of crude rat membrane fractions, as well as immunohistochemical analysis of adult rat hippocampus and whole brain sections (Andrews et al, 2019; PMID:30667360)

Antibody First Published in: Andrews et al. A toolbox of IgG subclass-switched recombinant monoclonal antibodies for enhanced multiplex immunolabeling of brain Elife. 2019 Jan 22;8:e43322. [PMID:30667360](#)

Note on publication: Describes the generation of a recombinant version of this antibody.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

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.