

RABBIT ANTI-Na β_2
(β_2 Subunit Of Voltage-Gated Sodium Channel)
AFFINITY PURIFIED, POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB5358-200UL
LOT NUMBER:	
QUANTITY:	200 μ L
CONCENTRATION:	0.75 mg/mL (after reconstitution)
SPECIFICITY:	Recognizes Na β_2 (Scn2b). The epitope specific for Na β_2 is not present in any other known proteins.
IMMUNOGEN:	Highly purified peptide corresponding to residues 197-215 of rat β_2 subunit of voltage-gated Na $^+$ channels (Accession number P54900).
APPLICATIONS:	Western blotting: 1:200 on rat brain membranes. Immunohistochemistry on rat brain sections. Dilutions should be made using a carrier protein such as BSA (1-3%). Optimal working dilutions must be determined by the end user.
CONTROL ANTIGEN:	Included free of charge with the antibody is 40 μ g of control antigen (lyophilized powder). The stock solution of the antigen can be made up using 100 μ L of sterile deionized water. For negative control, preincubate 1 μ g of purified peptide with 1 μ g of antibody for one hour at room temperature. Optimal concentrations must be determined by the end user.
SPECIES REACTIVITIES:	Rat. It is expected to work on human because the immunogen sequence is highly conserved (17/19 residues). Reactivity with other species has not yet been tested.
FORMAT:	Affinity purified immunoglobulin.
PRESENTATION:	Lyophilized from PBS, pH 7.4, containing 1% BSA, and 0.05% sodium azide. Reconstitute with 200 μ L of sterile distilled water. Centrifuge antibody preparation before use (10,000 x g for 5 min).
STORAGE/HANDLING:	Maintain lyophilized material at -20°C for up to 6 months after date of receipt. After reconstitution maintain at -20°C in undiluted aliquots for up to 6 months. Avoid repeated freeze/thaw cycles.

For research use only; not for use as a diagnostic.

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