

Anti-SCN3B antibody (23-160) (STJ112354)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

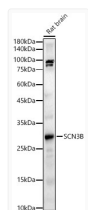
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:8000 IF/ICC:1:100-1:500 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 25kDa Observed Mw: 30kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

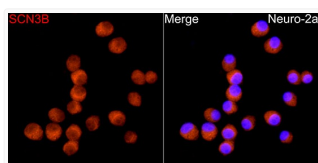
Gene ID	55800
Gene Symbol	SCN3B
UniProt ID	SCN3B_HUMAN
Immunogen Region	23-160
Immunogen Sequence	FPVCVEVPSETEAVQGNPMK LRCISCMKREEVEATTVVEW FYRPEGGKDFLIYEYRNGHQ EVESPFQGRQLQWNGSKDLQD VSITVLNVTLNDSGLYTCNV SREFEFAHRPFVKTRRLIP LRVTEEAGEDFTSVVSEI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 23-160 of human SCN3B (NP_060870.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of Rat brain, using SCN3B rabbit polyclonal antibody (STJ112354) at 1:7000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunofluorescence analysis of Neuro-2a cells using SCN3B rabbit polyclonal antibody (STJ112354) at dilution of 1:500 (40x lens). Blue: DAPI for nuclear staining.