

Datasheet for ABIN7043491 anti-KCNMB3 antibody (Extracellular Loop)

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1 Image

Overview

Quantity:	50 µL
Target:	KCNMB3
Binding Specificity:	AA 134-145, Extracellular Loop
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNMB3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)HYDEEAIRTNPK, corresponding to amino acid residues 134-145 of rat KCNMB3
Isotype:	IgG
Cross-Reactivity (Details):	Not recommended for human samples.
Characteristics:	Anti-slobeta3 (KCNMB3) (extracellular) Antibody is directed against an extracellular epitope of rat sloβ3. Anti-sloβ3 (KCNMB3) (extracellular) Antibody (ABIN7043491 and ABIN7044981)) can be used in western blot analysis. It has been designed to recognize sloβ3 from rat and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

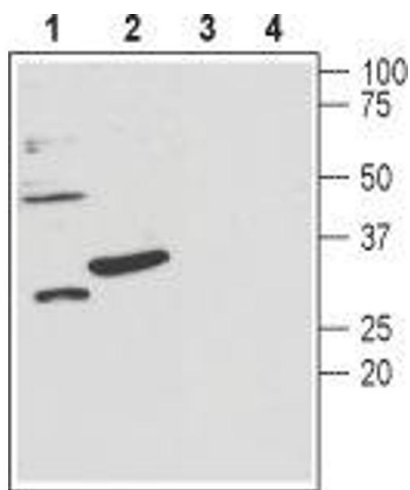
Target:	KCNMB3
Alternative Name:	slobeta3 (KCNMB3) (KCNMB3 Products)
Background:	Alternative names: slobeta3 (KCNMB3), Ca ²⁺ -activated K ⁺ channel subunit beta3, BKCa beta3, BK beta 3, Maxi K channel beta3, Charybdotoxin receptor subunit beta-3
Gene ID:	310303
NCBI Accession:	NM_001163677
UniProt:	A7VL23

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of mouse brain lysates (lanes 1 and 3) and rat pancreas membranes (lanes 2 and 4): - 1,2. Anti-sloβ3 (KCNMB3) (extracellular) Antibody (ABIN7043491 and ABIN7044981), (1:1000).3,4. Anti-sloβ3 (KCNMB3) (extracellular) Antibody, preincubated with slo β3/KCNMB3 (extracellular) Blocking Peptide (#BLP-PC068).