

Anti-BKbeta4 K⁺ Channel Antibody

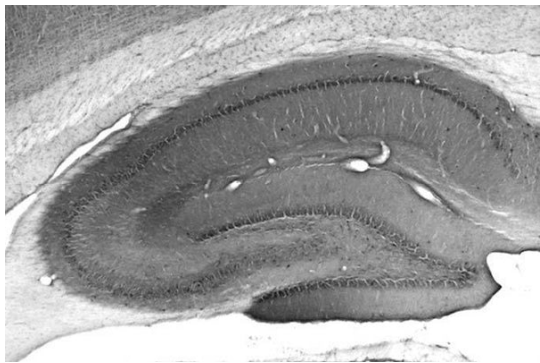


Product Details

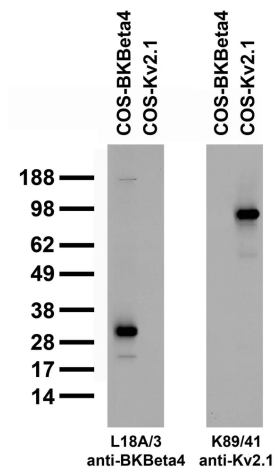
Available Variants	100 µL (SKU:75-086)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	L18A/3
Gene Name	Kcnmb4
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.16
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:500 ICC: 1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 45-167 (entire extracellular domain) of mouse BKBeta4 (accession number Q9JIN6) produced recombinantly in E. Coli
Specificity	No cross-reactivity against BKBeta1, BKBeta2 or BKBeta3
Molecular Weight	24 kDa
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2131507
UniProt ID	<u>Q9JIN6</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Adult rat hippocampus immunohistochemistry.



Transfected cell immunoblot: extracts of COS-1 cells transiently transfected with BKBeta4 or Kv2.1 plasmids and probed with L18A/3 pure IgG at 10 mg/mL (left panel) or K89/41 TC supe (right panel).



Created on 10. September 2026 | All information without guarantee