

Anti-SK2 potassium channel Antibody



Product Details

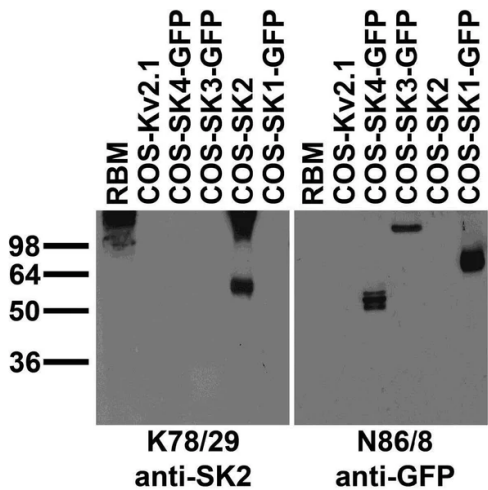
Available Variants	100 µL (SKU:75-403)
Conjugate	Unconjugated
Isotype	IgG1
Clone	K78/29
Gene Name	Kcnn2
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 546-562 (ENYDKHVTYNAERSRSS, cytoplasmic C-terminus) of rat SK2 (accession number P70604)
Specificity	Does not cross-react with other SK channels
Molecular Weight	50-80 kDa (and larger due to isoforms and dimerization/aggregation)
Quality Control	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain 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_2491099
UniProt ID	<u>P70604</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.



Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM and COS cells transiently transfected with GFP-tagged SK1, SK3 or SK4 or untagged SK2 or Kv2.1 plasmid and probed with K78/29 (left) and N86/8 (right) TC supe.



Created on 10. September 2026 | All information without guarantee