

KCNU1 Conjugated Antibody

Catalog No: #C47810



Package Size: #C47810-AF350 100ul #C47810-AF405 100ul #C47810-AF488 100ul
 #C47810-AF555 100ul #C47810-AF594 100ul #C47810-AF647 100ul
 #C47810-AF680 100ul #C47810-AF750 100ul #C47810-Biotin 100ul

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Description

Product Name	KCNU1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KCNU1 protein.
Immunogen Description	Synthetic peptide of human KCNU1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	KCa5; Slo3; KCNMC1; KCa5.1; Kcnma3
Accession No.	Swiss-Prot#:A8MYU2NCBI Gene ID:157855NCBI mRNA#:NCBI Protein#:NP_001027006
Uniprot	A8MYU2
GeneID	157855;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	130 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a member of the potassium channel family of proteins. The encoded voltage-gated ion channel allows the outward flow of potassium ions during plasma membrane hyperpolarization in sperm. Opening of this channel may be regulated by calcium ion levels. Homozygous knockout mice that lack the related mouse gene exhibit male sterility. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only