Acid-sensing ion channel 3 Polyclonal Conjugated Antibody

Catalog No: #C42434

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Package Size: #C42434-AF350 100ul #C42434-AF405 100ul #C42434-AF488 100ul #C42434-AF555 100ul #C42434-AF594 100ul #C42434-AF647 100ul #C42434-AF680 100ul #C42434-AF750 100ul #C42434-Biotin 100ul

Description

Product Name	Acid-sensing ion channel 3 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Acid-sensing ion channel 3 polyclonal antibody.
Immunogen Description	Recombinant human Acid-sensing ion channel 3 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Amiloride-sensitive cation channel 3 Neuronal amiloride-sensitive cation channel 3 Testis sodium channel 1 ASIC3,ACCN3, SLNAC1, TNAC1
Accession No.	Swiss-Prot#:Q9UHC3
Uniprot	Q9UHC3
GeneID	9311;
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	47
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

Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Generates a biphasic current with a fast inactivating and a slow sustained phase. In sensory neurons is proposed to mediate the pain induced by acidosis that occurs in ischemic, damaged or inflamed tissue. May be involved in hyperalgesia. May play a role in mechanoreception. Heteromeric channel assembly seems to modulate channel properties.

Note: This product is for in vitro research use only