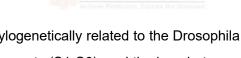


Anti-KCNA1 Rabbit Monoclonal Antibody

Introduction



This gene encodes a voltage-gated delayed potassium channel that is phylogenetically related to the Drosophila Shaker channel. The encoded protein has six putative transmembrane segments (S1-S6), and the loop between S5 and S6 forms the pore and contains the conserved selectivity filter motif (GYGD). The functional channel is a homotetramer.

Product parameters

| Alternative Names | KCNA1; Potassium voltage-gated channel subfamily A member 1; Voltage-gated K(+) channel Hu Voltage-gated potassium channel HBK1; Voltage-gated potassium channel subunit Kv1.1 |
|--------------------|--|
| Gene ID | 3736 |
| Gene Name | KCNA1 |
| SwissProt ID | Q09470 |
| Host | Rabbit |
| Reactivity | Human Addition to the Control of the |
| Molecular Weight | Calculated MW: 56 kDa; Observed MW: 56 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Unmodified |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-8D7G12 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Free |
| Immunogen | A synthesized peptide derived from human KCNA1 |
| Purification | Affinity Chromatography |
| Buffer System | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Application | WB, IP |
| Dilution Ratio | WB: 1/500-1/1000 IP: 1/10 |
| Research Field | Neuroscience |
| Product Categories | Primary antibody |

| Shipping | Blue ice |
|-----------------|----------------------------------|
| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

Protocol



Configure the product according to the application range and recommended dilution ratio.

*Note: The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.





