KCNIP2 / KCHIP2 Antibody

Mouse Monoclonal Antibody [Clone KCNIP2/7587]

Catalog No	Format	Size
30819-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
30819-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
30819-MSM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	KCNIP2/7587
Immunogen	Recombinant human KCNIP2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	30.91kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Expressed in brain

**Optimal dilution for a specific application should be determined.*

Product Images for KCNIP2 / KCHIP2 Antibody

Specificity & Comments

Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels (PubMed:10676964, PubMed:11287421, PubMed:11684073, PubMed:12297301, PubMed:14623880, PubMed:34997220). Modulates channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner (PubMed:10676964, PubMed:11287421, PubMed:11684073, PubMed:12297301, PubMed:14623880, PubMed:34997220). Involved in KCND2 and KCND3 trafficking to the cell surface (PubMed:12829703). May be required for the expression of I(To) currents in the heart (By similarity).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.