



Anti-KCNA6 monoclonal antibody, clone T20-47 (DCABH-252)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Kv1.6
Antigen Description	Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.
Specificity	This antibody does not cross react with other Kv1 channels.
Immunogen	Synthetic peptide: RERRSSYLPTPHRAYAEKR, corresponding to C terminal amino acids 507-525 of Rat Kv1.6.
Isotype	IgG3
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human
Clone	T20-47
Purification	This antibody is PEG Purified.
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr, ICC/IF
Positive Control	Rat brain lysate.
Format	Liquid
Size	100 µg

Buffer	pH: 7.40; Preservative: 0.09% Sodium azide; Constituents: 50% PBS, 50% Glycerol
Preservative	0.09% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	Kcna6 potassium voltage gated channel, shaker related subfamily, member 6 [Rattus norvegicus]
Official Symbol	KCNA6
Synonyms	KCNA6; potassium voltage gated channel, shaker related subfamily, member 6; potassium voltage-gated channel subfamily A member 6; kv2; RCK2; potassium channel-Kv2; voltage-gated potassium channel subunit Kv2; voltage-gated potassium channel subunit Kv1.6;
Entrez Gene ID	64358
Protein Refseq	NP_076444
UniProt ID	G3V8L6
Function	voltage-gated ion channel activity; voltage-gated potassium channel activity;