

## Product datasheet for **TA326560**

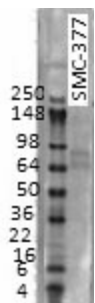
### **Kcnd3 Mouse Monoclonal Antibody [Clone ID: S75-41]**

#### **Product data:**

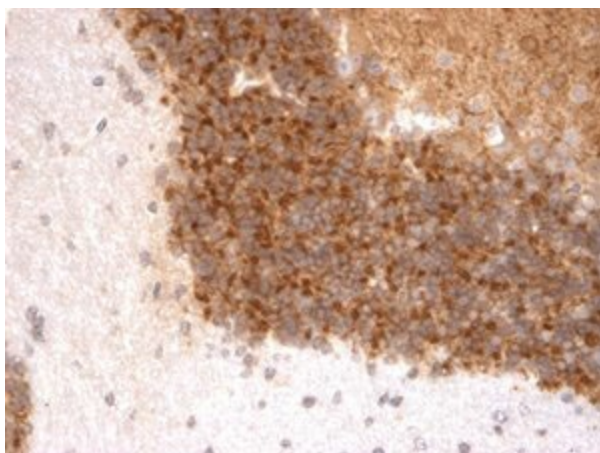
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	S75-41
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml
<b>Reactivity:</b>	Human, Mouse, Rat, Xenopus
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Fusion protein amino acids 415-636 (cytoplasmic C-terminus) of rat Kv4.3
<b>Formulation:</b>	PBS pH7.4, 50% glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein G Purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	potassium voltage-gated channel subfamily D member 3
<b>Database Link:</b>	<a href="#">NP_113927</a> <a href="#">Entrez Gene 3752 HumanEntrez Gene 56543 MouseEntrez Gene 65195 Rat Q62897</a>
<b>Background:</b>	Potassium voltage-gated channel subfamily D member 3 (also known as Kv4.3) is a protein that in humans is encoded by the KCND3 gene. It contributes to the cardiac transient outward potassium current, the main contributing current to the repolarizing phase 1 of the cardiac action potential .
<b>Synonyms:</b>	KCND3L; KCND3S; KSHIVB; KV4.3; MGC142035; MGC142037; OTTHUMP00000013772
<b>Note:</b>	Detects ~75kDa in rat brain membrane preparations



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**Product images:**

Western blot analysis of Kv4.3 on rat brain membrane tissues using a 1:1000 dilution of the antibody



IHC analysis of Kv4.3 using the antibody