

Datasheet for ABIN2624435
anti-KCND3 antibody (AA 1-177)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	KCND3
Binding Specificity:	AA 1-177
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCND3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	E.coli-derived human Kv4.3 recombinant protein (Position: M1-H177). Human Kv4.3 shares 100% and 99% amino acid (aa) sequences identity with mouse and rat Kv4.3, respectively. Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Highly expressed in heart and brain, in particular in cortex, cerebellum, amygdala and caudate nucleus. Detected at lower levels in liver, skeletal muscle, kidney and pancreas. Isoform 1 predominates in most tissues. Isoform 1 and isoform 2 are detected at similar levels in brain, skeletal muscle and pancreas. .
Purification:	Immunogen affinity purified

Target Details

Target:	KCND3
Alternative Name:	KCND3 / Kv4.3 (KCND3 Products)
Background:	Name/Gene ID: KCND3 Subfamily: Potassium channel - Kv4 Shal Family: Ion Channel Synonyms: KCND3, KCND3S, KSHIVB, KCND3L, Potassium ionic channel Kv4.3, Voltage-gated K ⁺ channel, KV4.3
Gene ID:	3752

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.