Datasheet for ABIN7603178

anti-JRK antibody (N-Term)

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Overview

Quantity:	100 µg
Target:	JRK
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JRK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-JRK Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human JRK, which shares 93.8% and 87.5% amino acid (aa) sequence identity with mouse and rat JRK, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-JRK Antibody Picoband® (ABIN7603178). Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	JRK
Alternative Name:	JRK (JRK Products)
Background:	Synonyms: RING finger protein 186,RNF186, Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: This gene encodes a conserved protein that is similar to DNA-binding proteins, such as major centromere autoantigen B (CENPB). Inactivation of the related gene in mice resulted in epileptic seizures. Childhood Absence Epilepsy (CAE) has been mapped to the same chromosomal location (8q24.3) as this gene. Alternative splicing results in multiple transcript variants.
Molecular Weight:	65 kDa
Gene ID:	8629
UniProt:	O75564

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human 1. Donovan, G. P., Harden, C., Gal, J., Ho, L., Sibille, E., Trifiletti, R., Gudas, L. J., Toth, M. Sensitivity to jerky gene dosage underlies epileptic seizures in mice. J. Neurosci. 17: 4562-4569, 1997. 2. Moore, T., Hecquet, S., McLellann, A., Ville, D., Grid, D., Picard, F., Moulard, B., Asherson, P., Makoff, A. J., McCormick, D., Nashef, L., Froguel, P., Arzimanoglou, A., LeGuern, E., Bailleul, B. Polymorphism analysis of JRK/JH8, the human homologue of mouse jerky, and description of a rare mutation in a case of CAE evolving to JME. Epilepsy Res. 46: 157-167, 2001. 3. Morita, R., Miyazaki, E., Fong, C. G., Chen, X.-N., Korenberg, J. R., Delgado-Escueta, A. V., Yamakawa, K. JH8, a gene highly homologous to the mouse jerky gene, maps to the region for childhood absence epilepsy on 8q24. Biochem. Biophys. Res. Commun. 248: 307-314, 1998. Note: Erratum: Biochem. Biophys. Res. Commun. 250: 536 only, 1998.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.01 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.