

Anti-PPEF1 Antibody Picoband® FITC Conjugated

Catalog Number: A11074-1-FITC

About PPEF1

Serine/threonine-protein phosphatase with EF-hands 1 is an enzyme that in humans is encoded by the PPEF1 gene. This gene encodes a member of the serine/threonine protein phosphatase with EF-hand motif family. The protein contains a protein phosphatase catalytic domain, and at least two EF-hand calcium-binding motifs in its C terminus. Although its substrate(s) is unknown, the encoded protein has been suggested to play a role in specific sensory neuron function and/or development. This gene shares high sequence similarity with the Drosophila retinal degeneration C (rdgC) gene. Several alternatively spliced transcript variants, each encoding a distinct isoform, have been described.

Overview

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| Product Name | Anti-PPEF1 Antibody Picoband® FITC Conjugated |
| Reactive Species | Human |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | O14829 |

Technical Details

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| Immunogen | E.coli-derived human PPEF1 recombinant protein (Position: H137-L652). Human PPEF1 shares 72.7% and 73.2% amino acid (aa) sequence identity with mouse and rat PPEF1, respectively. |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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Anti-PPEF1 Antibody - FITC

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