

Anti-PEX1 Antibody Picoband® Biotin Conjugated

Catalog Number: A03025-2-Biotin

About PEX1

Predicted to enable several functions, including ATP binding activity; ATP hydrolysis activity; and ubiquitin-modified protein reader activity. Predicted to be involved in establishment of protein localization to peroxisome; microtubule-based peroxisome localization; and protein unfolding. Located in peroxisome. Used to study Zellweger syndrome. Human ortholog(s) of this gene implicated in Heimler syndrome 1; peroxisome biogenesis disorder 1A; and peroxisome biogenesis disorder 1B. Orthologous to human PEX1 (peroxisomal biogenesis factor 1).

Overview

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| Product Name | Anti-PEX1 Antibody Picoband® Biotin Conjugated |
| Reactive Species | Mouse, Rat |
| 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. |
| Host | Rabbit |
| Uniprot ID | Q5BL07 |

Technical Details

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|---------------------|---|
| Immunogen | E.coli-derived mouse PEX1 recombinant protein (Position: R25-A1284). Mouse PEX1 shares 81.8% amino acid (aa) sequence identity with human PEX1. |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Biotin |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

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Anti-PEX1 Antibody - Biotin

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