Datasheet for ABIN1399933

# anti-POTEG antibody (AA 151-250) (Biotin)

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## Overview

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| Quantity: | 100 µL |
| Target: | POTEG |
| Binding Specificity: | AA 151-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This POTEG antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human ACTBL1 |
| Isotype: | IgG |
| Predicted Reactivity: | Human |
| Purification: | Purified by Protein A. |

## Target Details

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| Target: | POTEG |
| Alternative Name: | ACTBL1 (POTEG Products) |
| Background: | Synonyms: ACTBL1, ovary, testis-expressed protein on chromosome 22, A26C3, Actin, beta like |

## Target Details

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| | 1, ANKRD26 like family C, member 3, ANKRD26-like family C member 3, Cancer/testis antigen family 104, member 7, CT104.7, LA16c 3G11.6, POTE 22, POTE ankyrin domain family member H, POTE ankyrin domain family, member H, POTE-22, POTE22, POTEH, POTEH_HUMAN, Prostate, Prostate, ovary, testis expressed protein on chromosome 22, protein expressed in prostate, ovary, testis, and placenta 22, protein expressed in prostate, ovary, testis, and placenta POTE14 like.<br>Background: Ankyrins are membrane adaptor molecules that play important roles in coupling integral membrane proteins to the spectrin-based cytoskeleton network. Mutations of ankyrin genes lead to severe genetic diseases, such as fatal cardiac arrhythmias and hereditary spherocytosis. ANKRD22 (ankyrin repeat domain 22) is a 191 amino acid protein that contains four ANK repeats. Conserved in chimpanzee, dog, cow, mouse, rat, chicken and zebrafish, ANKRD22 is encoded by a gene that maps to human chromosome 10. Chromosome 10 encodes nearly 1,200 genes within 135 million bases, making up approximately 4.5 % of the human genome. Several protein-coding genes, including those that encode for chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman?s syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria. |

## Application Details

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| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |

## Handling

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| | handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |

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