Datasheet for ABIN1701191

# anti-PXDC1 antibody (AA 1-100) (Biotin)

Go to Product page

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | PXDC1 |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PXDC1 antibody is conjugated to Biotin |
| Application: | 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 C6orf145 |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Pig |
| Purification: | Purified by Protein A. |

## Target Details

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|---|---|
| Target: | PXDC1 |
| Alternative Name: | C6orf145 (PXDC1 Products) |

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## Target Details

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|---|---|
| Background: | Synonyms: C6orf145, PXDC1_HUMAN, Chromosome 6 open reading frame 145, PX domain containing 1, PX domain-containing protein C6orf145.<br>Background: Making up nearly 6 % of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatiblity complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The C6orf145 gene product has been provisionally designated C6orf145 pending further characterization. |
| Gene ID: | 221749 |

## Application Details

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| Application Notes: | 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 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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