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Datasheet for ABIN1697613

anti-ENPP6 antibody (AA 251-350) (Alexa Fluor 555)

Overview

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| Quantity: | 100 µL |
| Target: | ENPP6 |
| Binding Specificity: | AA 251-350 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ENPP6 antibody is conjugated to Alexa Fluor 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human ENPP6 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog,Cow,Pig,Horse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | ENPP6 |
| Alternative Name: | ENPP6 (ENPP6 Products) |

Target Details

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| Background: | <p>Synonyms: B830047L21Rik, E-NPP 6, Ectonucleotide pyrophosphatase/phosphodiesterase 6, ectonucleotide pyrophosphatase/phosphodiesterase family member 6, ENPP 6, NPP 6, NPP6, ENPP6_HUMAN.</p> <p>Background: NPP6 is a 440 amino acid member of the nucleotide pyrophosphatase/phosphodiesterase family. NPP6 is a secreted and single-pass type I membrane protein. Predominantly expressed in brain and kidney, NPP6 is a choline-specific glycerophosphodiester phosphodiesterase. NPP6 can hydrolyze the classical substrate for phospholipase C, p-nitrophenyl phosphorylcholine, glycerophosphorylcholine, sphingosylphosphorylcholine and lysophosphatidylcholine (LPC). NPP6 has been found to have a preference for LPC with polyunsaturated or short fatty acids. The gene encoding NPP6 maps to human chromosome 4, which consists of approximately 6 % of the human genome and nearly 900 genes. Chromosome 4 is associated with Huntington's disease, FGFR-3, Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.</p> |
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| Gene ID: | 133121 |
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Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
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| Restrictions: | For Research Use only |
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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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |