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Datasheet for ABIN7464812 **anti-PDE10A antibody (C-Term)**

Overview

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| Quantity: | 100 µL |
| Target: | PDE10A |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PDE10A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | Recombinant protein encompassing a sequence within the C-terminus region of human PDE10A. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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|-------------------|---|
| Target: | PDE10A |
| Alternative Name: | phosphodiesterase 10A (PDE10A Products) |

Target Details

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| Background: | Phosphodiesterase 10A , ADSD2 , HSPDE10A , IOLOD , LINC00473 , PDE10A19,Various cellular responses are regulated by the second messengers cAMP and cGMP. Phosphodiesterases, such as PDE10A, eliminate cAMP- and cGMP-mediated intracellular signaling by hydrolyzing the cyclic nucleotide to the corresponding nucleoside 5-prime monophosphate (Fujishige et al., 2000 [PubMed 10998054]).[supplied by OMIM] |
| Molecular Weight: | 88 kDa |
| Gene ID: | 10846 |
| UniProt: | Q9Y233 |
| Pathways: | cAMP Metabolic Process |

Application Details

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| Application Notes: | WB: 1:500-1:20000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment: | Positive Control: Myc-DDK-tagged PDE10A-transfected 293T Validation: Comparison, Overexpression |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1.97 mg/mL |
| Buffer: | 1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300 |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |