

# Product Datasheet

## Pyruvate Carboxylase Antibody [DyLight 488] NBP1-49536G

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-49536G**

Pyruvate Carboxylase Antibody [DyLight 488]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	DyLight 488
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	5091
<b>Gene Symbol</b>	PC
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Immunogen has 96% identity to bovine and porcine. Rat reactivity reported in scientific literature (PMID: 24333689)
<b>Immunogen</b>	Partial recombinant protein made to an internal region of the human Pyruvate Carboxylase protein (within residues 930-1050). [Swiss-Prot P11498]
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Publications**

Kershberg L, Banerjee A, Kaeser PS. Protein composition of axonal dopamine release sites in the striatum eLife 2022 -12-29 [PMID: 36579890] (Western Blot, Immunocytochemistry/ Immunofluorescence)





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### **Products Related to NBP1-49536G**

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NBP2-24891G	Rabbit IgG Isotype Control [DyLight 488]
NBP2-33407PEP	Pyruvate Carboxylase Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBL1-14138	Pyruvate Carboxylase Overexpression Lysate

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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