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PDPR Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12014b

Specification

PDPR Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q8NCN5
Other Accession	NP_060460.4
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**821-850**

PDPR Antibody (C-term) - Additional Information

Gene ID 55066

Other Names
Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial, PDPr, PDPR, KIAA1990

Target/Specificity
This PDPR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 821-850 amino acids from the C-terminal region of human PDPR.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PDPR Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PDPR Antibody (C-term) - Protein Information

Name PDPR

Synonyms KIAA1990

Function Decreases the sensitivity of PDP1 to magnesium ions, and this inhibition is reversed by the polyamine spermine.

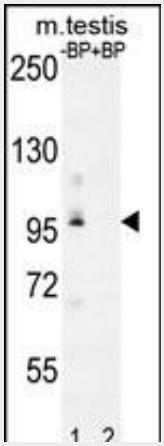
Cellular Location
Mitochondrion matrix.

PDPR Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

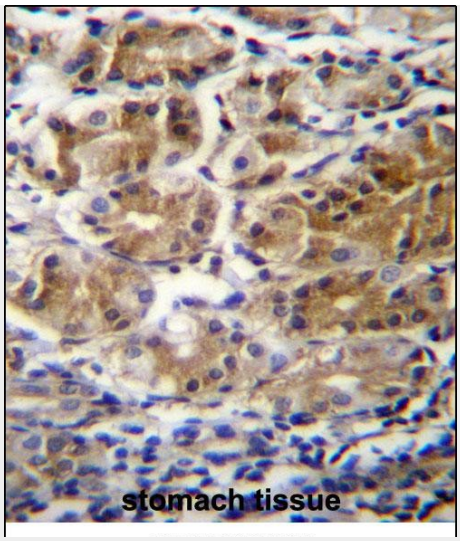
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PDPR Antibody (C-term) - Images



Western blot analysis of PDPR Antibody (C-term) Pab (Cat. #AP12014b) pre-incubated without(lane 1) and with(lane 2) blocking peptide in mouse testis tissue lysate. PDPR Antibody (C-term) (arrow) was detected using the purified Pab.

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PDPR Antibdy (C-term) (Cat. #AP12014b)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PDPR Antibdy (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PDPR Antibody (C-term) - Background

PDPR decreases the sensitivity of PDP1 to magnesium ions, and this inhibition is reversed by the polyamine spermine (By similarity).

PDPR Antibody (C-term) - References

Sugden, M.C., et al. Am. J. Physiol. Endocrinol. Metab. 284 (5), E855-E862 (2003) : Ohara, O., et al. DNA Res. 9(2):47-57(2002) Lawson, J.E., et al. J. Biol. Chem. 272(50):31625-31629(1997)

PDPR Antibody (C-term) - Citations

- MiR-195 modulates oxidative stress-induced apoptosis and mitochondrial energy production in human trophoblasts via flavin adenine dinucleotide-dependent oxidoreductase domain-containing protein 1 and pyruvate dehydrogenase phosphatase regulatory subunit.