.-online.com antibodies

Datasheet for ABIN2787198 anti-PDXP antibody (Middle Region)

Image



Overview

| Quantity: | 100 µL |
|----------------------|-------------------------------------|
| Target: | PDXP |
| Binding Specificity: | Middle Region |
| Reactivity: | Mouse, Human, Rat, Cow, Dog, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PDXP antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human PDXP |
|-----------------------|--|
| Sequence: | DPWHPLSDGS RTPGTGSLAA AVETASGRQA LVVGKPSPYM FECITENFSI |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against PDXP. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |
| Target Details | |
| Target: | PDXP |

| Target: | PDXP |
|-------------------|----------------------|
| Alternative Name: | PDXP (PDXP Products) |

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Target Details

| Background: | Pyridoxal 5-prime-phosphate (PLP) is the active form of vitamin B6 that acts as a coenzyme in |
|-------------------|--|
| | maintaining biochemical homeostasis. The preferred degradation route from PLP to 4-pyridoxic |
| | acid involves the dephosphorylation of PLP by PDXP.Pyridoxal 5-prime-phosphate (PLP) is the |
| | active form of vitamin B6 that acts as a coenzyme in maintaining biochemical homeostasis. |
| | The preferred degradation route from PLP to 4-pyridoxic acid involves the dephosphorylation of |
| | PLP by PDXP (Jang et al., 2003 [PubMed 14522954]).[supplied by OMIM]. |
| | Alias Symbols: CIN, FLJ32703, PLP, dJ37E16.5 |
| | Protein Interaction Partner: ARRB1, MED23, UBC, PDXP, |
| | Protein Size: 296 |
| Molecular Weight: | 32 kDa |
| Gene ID: | 57026 |
| NCBI Accession: | NM_020315, NP_064711 |
| UniProt: | Q96GD0 |

Application Details

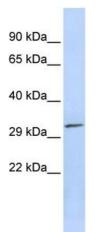
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment: | Antigen size: 296 AA |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small |

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Images



Western Blotting

Image 1. WB Suggested Anti-PDXP Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

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