antibodies .- online.com







anti-PEPD antibody (Middle Region)



Image



Publication



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

Product Details

| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human PEPD |
|-----------------------|---|
| Sequence: | LGAVFMPHGL GHFLGIDVHD VGGYPEGVER IDEPGLRSLR TARHLQPGMV |
| Predicted Reactivity: | Cow: 92%, Dog: 100%, Goat: 79%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 86% |
| Characteristics: | This is a rabbit polyclonal antibody against PEPD. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Tarnet Details

| Target: | PEPD | |
|---------|------|--|

Target Details

| Alternative Name: | PEPD (PEPD Products) |
|---------------------|--|
| Background: | Xaa-Pro dipeptidase is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or |
| J | hydroxyproline at the carboxy terminus (but not Pro-Pro). It is important in collagen metabolisn |
| | because of the high levels of iminoacids.Xaa-Pro dipeptidase is a cytosolic dipeptidase that |
| | hydrolyzes dipeptides with proline or hydroxyproline at the carboxy terminus (but not Pro-Pro). |
| | It is important in collagen metabolism because of the high levels of iminoacids. Publication |
| | Note: This RefSeq record includes a subset of the publications that are available for this gene. |
| | Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN |
| | PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-74 DC395475.1 1-74 75-101 DC385464.1 1-2 |
| | 102-2018 BC015027.1 1-1917 |
| | Alias Symbols: MGC10905, PROLIDASE |
| | Protein Interaction Partner: USP7, SUMO1, NDRG1, NAMPT, DPP3, CTSA, MVD, EIF6, GSR, GNS |
| | GLS, GBP2, EIF5A, EIF4E, DLD, CASP7, CAPN1, ASS1, NHLRC2, LDHAL6B, FTO, BCCIP, CNDP2, |
| | GINS2, GDA, KYNU, RPS6KA1, SPP1, UBC, ATXN1, CUL2, TERF1, PEPD, |
| | Protein Size: 493 |
| Molecular Weight: | 54 kDa |
| Gene ID: | 5184 |
| NCBI Accession: | NM_000285, NP_000276 |
| UniProt: | P12955 |
| Application Details | |
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 493 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 |

Handling

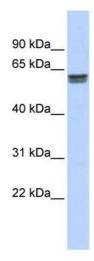
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
|--------------------|---|
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Publications

Product cited in:

Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-PEPD Antibody Titration: 0.2-

1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Placenta