antibodies .- online.com







anti-PCBP4 antibody (C-Term)





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| Quantity: | 100 μL |
|----------------------|---|
| Target: | PCBP4 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Pig, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PCBP4 antibody is un-conjugated |
| Application: | Western Blotting (WB) |
| | |

Product Details

Target Details

PCBP4

Target:

| Immunogen: | The immunogen is a synthetic peptide directed towards the C terminal region of human PCBP4 |
|-----------------------|---|
| Sequence: | QTSSQEFLVP NDLIGCVIGR QGSKISEIRQ MSGAHIKIGN QAEGAGERHV |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against PCBP4. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

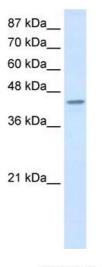
Target Details

| Alternative Name: | PCBP4 (PCBP4 Products) |
|---------------------|--|
| Background: | PCBP4 is a member of the KH-domain protein subfamily. Proteins of this subfamily, also |
| | referred to as alpha-CPs, bind to RNA with a specificity for C-rich pyrimidine regions. Alpha-CPs |
| | play important roles in post-transcriptional activities and have different cellular distributions. |
| | This gene is induced by the p53 tumor suppressor, and the protein can suppress cell |
| | proliferation by inducing apoptosis and cell cycle arrest in G(2)-M. This gene encodes a membe |
| | of the KH-domain protein subfamily. Proteins of this subfamily, also referred to as alpha-CPs, |
| | bind to RNA with a specificity for C-rich pyrimidine regions. Alpha-CPs play important roles in |
| | post-transcriptional activities and have different cellular distributions. This gene is induced by |
| | the p53 tumor suppressor, and the encoded protein can suppress cell proliferation by inducing |
| | apoptosis and cell cycle arrest in G(2)-M. This gene's protein is found in the cytoplasm, yet it |
| | lacks the nuclear localization signals found in other subfamily members. Multiple alternatively |
| | spliced transcript variants have been described, but the full-length nature for only some has |
| | been determined. |
| | Alias Symbols: CBP, LIP4, MCG10 |
| | Protein Interaction Partner: UBD, UBC, RBFOX1, RNF138, QKI, PCBP1, LYST, |
| | Protein Size: 424 |
| Molecular Weight: | 47 kDa |
| Gene ID: | 57060 |
| NCBI Accession: | NM_020418, NP_065151 |
| UniProt: | Q9GZT1 |
| Application Details | |
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 424 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. |

Handling

| 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 aliquots to prevent freeze-thaw cycles. |

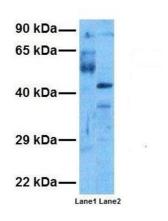
Images



Western Blotting

Image 1. WB Suggested Anti-PCBP4 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate

PCBP4



Western Blotting

Image 2. Host: Rabbit Target Name: PCBP4 Sample Tissue:Human Ovary Tumor, Human 293T Antibody Dilution:1.0ug/ml