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Datasheet for ABIN6746445
anti-NPTX2 antibody (AA 71-120)

1 Image

2 Publications

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | NPTX2 |
| Binding Specificity: | AA 71-120 |
| Reactivity: | Human, Mouse, Rat, Dog, Guinea Pig, Monkey |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NPTX2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-----------------------|---|
| Immunogen: | Synthetic peptide located between aa71-120 of human NPTX2 (P47972, NP_002514). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Guinea pig (100%), Galago, Bovine (92%), Zebra finch, Chicken (85%). Type of Immunogen: Synthetic peptide |
| Specificity: | Human NPTX2 |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Guinea pig (100%) Bovine (92%) Chicken (85%). |
| Purification: | Immunoaffinity purified |

Target Details

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|-------------------|---|
| Target: | NPTX2 |
| Alternative Name: | NARP / NPTX2 (NPTX2 Products) |
| Background: | Name/Gene ID: NPTX2 Synonyms: NPTX2, Apexin, Neuronal pentraxin-2, NARP, Neuronal pentraxin II, NP-II, NP2 |
| Gene ID: | 4885 |
| NCBI Accession: | NP_002514 |
| UniProt: | P47972 |

Application Details

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|--------------------|--|
| Application Notes: | Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody. |
| Comment: | Target Species of Antibody: Human |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Distilled water |
| Concentration: | Lot specific |
| Buffer: | Lyophilized from PBS with 2 % sucrose |
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |

Publications

| | |
|-------------------|--|
| Product cited in: | Waite, Floyd, Arbour-Reily, Stephens: "Interferon-gamma-induced regulation of peroxisome |
|-------------------|--|

proliferator-activated receptor gamma and STATs in adipocytes." in: **The Journal of biological chemistry**, Vol. 276, Issue 10, pp. 7062-8, (2001) ([PubMed](#)).

Bartoli, Gu, Tsai, Venema, Brooks, Marrero, Caldwell: "Vascular endothelial growth factor activates STAT proteins in aortic endothelial cells." in: **The Journal of biological chemistry**, Vol. 275, Issue 43, pp. 33189-92, (2000) ([PubMed](#)).

Bromberg, Darnell: "The role of STATs in transcriptional control and their impact on cellular function." in: **Oncogene**, Vol. 19, Issue 21, pp. 2468-73, (2000) ([PubMed](#)).

Dent, Hu-Li, Paul, Staudt: "T helper type 2 inflammatory disease in the absence of interleukin 4 and transcription factor STAT6." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 95, Issue 23, pp. 13823-8, (1998) ([PubMed](#)).

Heim: "The Jak-STAT pathway: specific signal transduction from the cell membrane to the nucleus." in: **European journal of clinical investigation**, Vol. 26, Issue 1, pp. 1-12, (1996) ([PubMed](#)).

Images

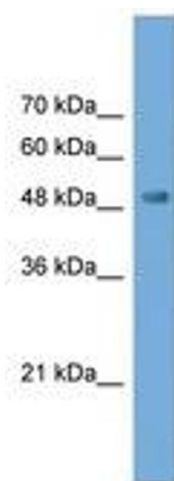


Image 1.