

Datasheet for ABIN2779960
anti-NFAT1 antibody (N-Term)



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1 Image **2** Publications

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | NFAT1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Cow, Horse, Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NFAT1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of mouse NFATC2 |
| Sequence: | MDVPEPQPDP DGGDGGGHEP GGSPQDELDF SILFDYDYLN PEEEEPIAHK |
| Predicted Reactivity: | Cow: 86%, Dog: 82%, Horse: 93%, Human: 93%, Mouse: 100%, Pig: 79%, Rat: 93% |
| Characteristics: | This is a rabbit polyclonal antibody against NFATC2. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Protein A purified |

Target Details

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| Target: | NFAT1 |
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Target Details

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| Alternative Name: | NFATC2 (NFAT1 Products) |
| Background: | NFATC2 is a member of The NF-AT family of potent transcription factors that are essential for T cell activation Alias Symbols: NFAT1, Nfatp, NF-ATc2, NFAT1-D, AI607462 Protein Interaction Partner: Foxp3, Il4, Ifng, Nfatc2ip, Protein Size: 927 |
| Molecular Weight: | 100 kDa |
| Gene ID: | 18019 |
| NCBI Accession: | NM_010899 , NP_035029 |
| Pathways: | RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , VEGF Signaling , BCR Signaling |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 927 AA |
| Restrictions: | For Research Use only |

Handling

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| 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 aliquots to prevent freeze-thaw cycles. |

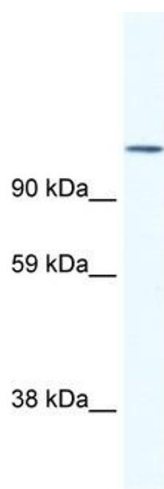
Publications

Product cited in:

Nagamoto-Combs, Combs: "Microglial phenotype is regulated by activity of the transcription factor, NFAT (nuclear factor of activated T cells)." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 30, Issue 28, pp. 9641-6, (2010) ([PubMed](#)).

Heer, Clarke, Rigas, Cheek, Pickard, Leung: "Phenotypic modulation of human urinary tract stroma-derived fibroblasts by transforming growth factor beta3." in: **Urology**, Vol. 76, Issue 2, pp. 509.e13-20, (2010) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-NFATC2 Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: SP2/0 cell lysate