

Datasheet for ABIN7602254
anti-NFE2L3 antibody (AA 66-653)



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Overview

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| Quantity: | 100 µg |
| Target: | NFE2L3 |
| Binding Specificity: | AA 66-653 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NFE2L3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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| Purpose: | Anti-Nfe2l3 Antibody Picoband® |
| Immunogen: | E.coli-derived mouse Nfe2l3 recombinant protein (Position: E66-K653). |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins. |
| Characteristics: | Anti-Nfe2l3 Antibody Picoband® (ABIN7602254). Tested in ELISA, WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Purification: | Immunogen affinity purified. |

Target Details

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| Target: | NFE2L3 |
| Alternative Name: | Nfe2l3 (NFE2L3 Products) |
| Background: | <p>Synonyms: Interleukin-36 alpha, FIL1 epsilon, Interleukin-1 epsilon, IL-1 epsilon, Interleukin-1 family member 6, IL-1F6, IL36A, FIL1E, IL1E, IL1F6</p> <p>Tissue Specificity: Expressed in immune system and fetal brain, but not in other tissues tested or in multiple hematopoietic cell lines. Predominantly expressed in skin keratinocytes but not in fibroblasts, endothelial cells or melanocytes. Increased in lesional psoriasis skin.</p> <p>Background: Nuclear factor (erythroid 2)-like factor 3, also known as NFE2L3 or 'NRF3', is a transcription factor that in humans is encoded by the Nfe2l3 gene. This gene encodes a member of the cap 'n' collar basic-region leucine zipper family of transcription factors. The encoded protein heterodimerizes with small musculoaponeurotic fibrosarcoma factors to bind antioxidant response elements in target genes. This protein is a membrane bound glycoprotein that is targeted to the endoplasmic reticulum and the nuclear envelope. Pseudogenes of this gene are found on chromosomes 16, 17, and 18.</p> |
| Molecular Weight: | 76 kDa |
| Gene ID: | 18025 |

Application Details

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| Application Notes: | <p>Western blot, 0.25-0.5 µg/mL, Mouse</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Chevillard, G., Paquet, M., Blank, V. Nfe213 (Nrf3) deficiency predisposes mice to T-cell lymphoblastic lymphoma. Blood 117: 2005-2008, 2011. 2. Kobayashi, A., Ito, E., Toki, T., Kogame, K., Takahashi, S., Igarashi, K., Hayashi, N., Yamamoto, M. Molecular cloning and functional characterization of a new Cap'n' collar family transcription factor Nrf3. J. Biol. Chem. 274: 6443-6452, 1999.</p> |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |
| Buffer: | Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na2HPO4. |

Handling

Storage: 4 °C, -20 °C

Storage Comment: Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.