

NFE2L1 Polyclonal Antibody

Catalog number: 12936-1-AP

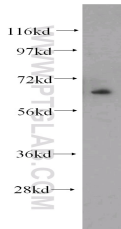
Size: 93 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

NFE2L1; FLJ00380, HBZ17, LCR F1, Locus control region factor 1, NF E2 related factor 1, NFE2 related factor 1, NFE2L1, NRF1, TCF 11, TCF11, Transcription factor 11, Transcription factor HBZ17, Transcription factor LCR F1



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 12936-1-AP(NFE2L1 antibody) at dilution of 1:500



IP Result of anti-NFE2L1 (IP:12936-1-AP, 4µg; Detection:12936-1-AP 1:500) with mouse skeletal muscle lysate 2200µg.

Background

NFE2L1, also named as HBZ17, NRF1, TCF11 and LCR-F1, belongs to the bZIP family and CNC subfamily. It activates erythroid-specific, globin gene expression. NFE2L1 is involved in mediating ascorbic acid-induced osterix expression and osteoblast differentiation via binding to the antioxidant response element of the osterix promoter. NFE2L1, produced by osteoblasts, is involved in regulating osterix expression, osteoblast differentiation, and bone formation. (PMID:19887580). This antibody is a rabbit polyclonal antibody raised against a region of human NFE2L1.

Applications

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|-------------------------|--|
| Tested applications: | ELISA, WB, IP |
| Species specificity: | Human, Mouse, Rat; other species not tested. |
| Calculated NFE2L1 MW: | 772aa, 85 kDa |
| Observed NFE2L1 MW: | 65 kDa |
| Positive WB detected in | Mouse skeletal muscle tissue, Fetal mouse bone, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells |
| Positive IP detected in | Mouse skeletal muscle tissue |
| Recommended dilution: | WB: 1:200-1:2000 IP: 1:200-1:2000 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

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|---------------------------|---|
| Immunogen: | Ag3916 |
| GenBank accession number: | BC010623 |
| Gene ID (NCBI): | 4779 |
| Full name: | Nuclear factor (erythroid-derived 2)-like 1 |

Product information

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|----------------------|--|
| Purification method: | Antigen affinity purification |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |