

NFE2 Antibody

Rabbit mAb Catalog # AP93137

Product Information

Application WB, IHC, IF, ICC, IP, IHF

Primary Accession

Reactivity

Clonality

Q16621

Human

Monoclonal

Other Names nfe2; Nuclear factor; p45 NFE2;

IsotypeRabbit IgGHostRabbitCalculated MW41473

Additional Information

Dilution WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human NFE2

Description Component of the NF-E2 complex essential for regulating erythroid and

megakaryocytic maturation and differentiation. Binds to the hypersensitive

site 2 (HS2) of the beta-globin control region (LCR).

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name NFE2

Function Component of the NF-E2 complex essential for regulating erythroid and

megakaryocytic maturation and differentiation. Binds to the hypersensitive site 2 (HS2) of the beta-globin control region (LCR). This subunit (NFE2) recognizes the TCAT/C sequence of the AP-1- like core palindrome present in a number of erythroid and megakaryocytic gene promoters. Requires MAFK or other small MAF proteins for binding to the NF-E2 motif. May play a role in all aspects of hemoglobin production from globin and heme synthesis to

procurement of iron.

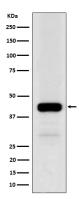
Cellular Location Nucleus, PML body. Cytoplasm. Note=The sumoylated form locates to the

nuclear bodies PML oncogenic domains (PODs) Translocated to the cytoplasm

through interaction with ITCH

Tissue Location Expressed in hematopoietic cells and also in colon and testis

Images



Western blot analysis of NFE2 expression in K562 cell lysate.

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