
Product Name: NFE2 (14H9) Rabbit Monoclonal Antibody**Catalog #: AMRe14645**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,FC,IF-P
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:200,FC 1:200-1:500,IF-P 1:100-1:200
Molecular Weight	41kDa

Antigen Information

Gene Name	NFE2
Alternative Names	nfe2 ; Nuclear factor; p45 NFE2;
Gene ID	4778.0
SwissProt ID	Q16621
Immunogen	Recombinant protein of human Nuclear Factor Erythroid Derived 2

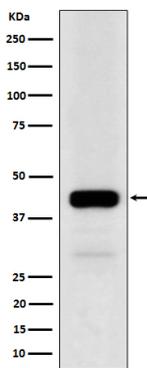
Background

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). 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.

Research Area

Image Data



Western blot analysis of NFE2 expression in K562 cell lysate.