

Nfe2 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10212

Product Information

Application	WB
Primary Accession	Q07279
Other Accession	NM_008685 , NP_032711
Reactivity	Human, Mouse, Rat, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41565

Additional Information

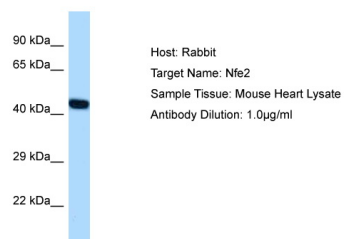
Gene ID	18022
Alias Symbol	45kDa, NF-E2, p45, p45NFE2, p45nf-e2
Other Names	Transcription factor NF-E2 45 kDa subunit, Leucine zipper protein NF-E2, Nuclear factor, erythroid-derived 2 45 kDa subunit, p45 NF-E2, Nfe2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 µl of distilled water. Final Anti-Nfe2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	Nfe2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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 (By similarity).

Images



Host: Rabbit
Target Name: Nfe2
Sample Tissue: Mouse Heart Lysate
Antibody Dilution: 1.0µg/ml

Host:Rabbit
Target Name:Nfe2
Sample Tissue: Mouse Heart lysates
Antibody Dilution:1.µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.