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Product datasheet for TA329221

Nuclear Factor Erythroid Derived 2 (NFE2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-NFE2 antibody: synthetic peptide directed towards the N terminal of human NFE2. Synthetic peptide located within the following region: MSPCPPQQSRNRVIQLSTSELGEMELTWQEIMSITELQGLNAPSEPSFEP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	nuclear factor, erythroid 2
Database Link:	NP_006154 Entrez Gene 4778 Human Q16621
Background:	NFE2 is a component of the NF-E2 complex essential for regulating erythroid and megakaryocytic maturation and differentiation. NFE2 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. NFE2 is requires MAFK or other small MAF proteins for binding to the NF-E2 motif. NFE2 may play a role in all aspects of hemoglobin production from globin and heme synthesis to procurement of iron.
Synonyms:	NF-E2; p45

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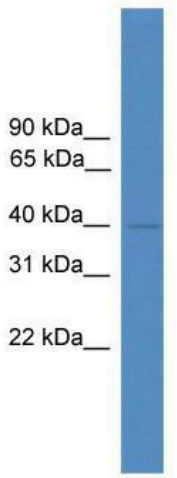
Note: Immunogen sequence homology: Human: 100%; Rat: 92%; Bovine: 92%; Pig: 87%; Horse: 87%; Guinea pig: 87%; Mouse: 77%

Protein Families: Transcription Factors

Product images:



WB Suggested Anti-NFE2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: Jurkat cell lysate