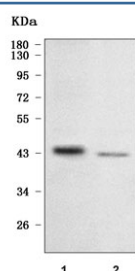


NFE2 Antibody / Nuclear factor erythroid-derived 2 45 kDa subunit (RQ8090)

Catalog No.	Formulation	Size
RQ8090	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q16621
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This NFE2 antibody is available for research use only.



Western blot testing of human 1) K562 and 2) HepG2 cell lysate with NFE2 antibody. Predicted molecular weight ~41 kDa, observed at 41-45 kDa.

Description

Transcription factor NF-E2 45 kDa subunit is a protein that in humans is encoded by the NFE2 gene. Enables several functions, including WW domain binding activity; identical protein binding activity; and protein N-terminus binding activity. Contributes to cis-regulatory region sequence-specific DNA binding activity. Predicted to be involved in regulation of transcription by RNA polymerase II. Predicted to act upstream of or within several processes, including labyrinthine layer blood vessel development; negative regulation of bone mineralization; and negative regulation of syncytium formation by plasma membrane fusion. Part of protein-DNA complex.

Application Notes

Optimal dilution of the NFE2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E20-D373) was used as the immunogen for the NFE2 antibody.

Storage

After reconstitution, the NFE2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.