

NFE2 Polyclonal Antibody

Catalog number: 11089-1-AP

Size: 35 µg/150 µl

Source: Rabbit

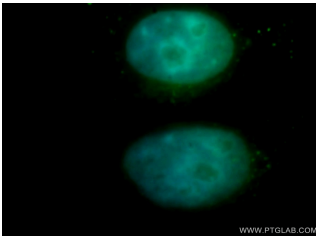
Isotype: IgG

Synonyms:

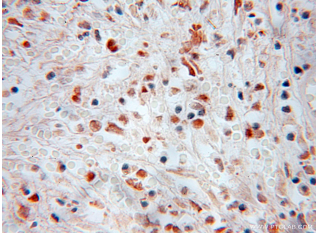
NFE2; Leucine zipper protein

NF E2, NF E2, NFE2, p45, p45

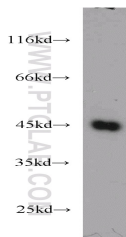
NF E2



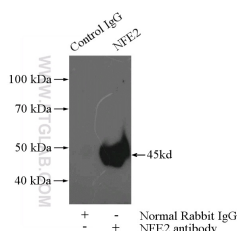
Immunofluorescent analysis of HepG2 cells, using NFE2 antibody 11089-1-AP at 1:100 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human colon cancer using 11089-1-AP (NFE2 antibody) at dilution of 1:50 (under 10x lens)



K-562 cells were subjected to SDS PAGE followed by western blot with 11089-1-AP (NFE2 antibody) at dilution of 1:500



IP Result of anti-NFE2

Background

The transcription factor p45 nuclear factor-erythroid-derived 2 (NFE2) is one component of the NF-E2 complex that essential for regulating erythroid and megakaryocytic maturation and differentiation. It also plays crucial roles in erythroid and megakaryocytic lineages. NFE2 recognizes the TCAT/C sequence of the AP-1-like core palindrome present in a number of erythroid and megakaryocytic gene promoters, and acts as a activator. And it may has a role in all aspects of hemoglobin production from globin and heme synthesis to procurement of iron. This is a rabbit polyclonal antibody raised against full-length NFE2 of human origin.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated NFE2 MW:	41 kDa
Observed NFE2 MW:	45 kDa
Positive WB detected in	K-562 cells, U-937 cells
Positive IP detected in	K-562 cells
Positive IHC detected in	Human colon cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1570
GenBank accession number:	BC005044
Gene ID (NCBI):	4778
Full name:	Nuclear factor (erythroid-derived 2), 45kDa

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**(IP:11089-1-AP, 4ug;
Detection:11089-1-AP 1:500)
with K-562 cells lysate 3440ug.**