



## Anti-NFE2L2 (aa 445-458) polyclonal antibody (DPABH-14773)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	Transcription activator that binds to antioxidant response (ARE) elements in the promoter regions of target genes. Important for the coordinated up-regulation of genes in response to oxidative stress. May be involved in the transcriptional activation of genes of the beta-globin cluster by mediating enhancer activity of hypersensitive site 2 of the beta-globin locus control region.
<b>Immunogen</b>	Synthetic peptide: C-KHSSRLEAHLTRDE with a Cysteine residue linker, corresponding to internal sequence amino acids 445-458 of Human Nrf2 (NP_006155.2; NP_001138884.1; NP_001138885.1).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated

freeze / thaw cycles.

## GENE INFORMATION

Gene Name	<a href="#">NFE2L2 nuclear factor, erythroid 2-like 3 [ Homo sapiens ]</a>
Official Symbol	NFE2L2
Synonyms	NFE2L2; nuclear factor, erythroid 2-like 2; NRF2; nuclear factor erythroid 2-related factor 2; HEBP1; NFE2-related factor 2; NF-E2-related factor 2; nuclear factor erythroid-derived 2-like 2; nuclear factor (erythroid-derived 2)-like 2; nuclear factor, erythroid derived 2, like 2;
Entrez Gene ID	<a href="#">4780</a>
Protein Refseq	<a href="#">NP_001138884.1</a>
UniProt ID	<a href="#">Q16236</a>
Pathway	AhR pathway; Oxidative Stress; Protein processing in endoplasmic reticulum;
Function	DNA binding; RNA polymerase II activating transcription factor binding; protein binding; protein domain specific binding