



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

Antigen Description	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.
Immunogen	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).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	200 µl
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	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	NFE2L2 nuclear factor, erythroid 2-like 3 [Homo sapiens]
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	4780
Protein Refseq	NP_001138884.1
UniProt ID	Q16236
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
