

## NFE2L2 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251445

**Unit:** 0.1 mg

**Description:**

Nuclear factor erythroid 2-related factor 2 (NFE2L2) is a transcription activator that binds to antioxidant response (ARE) elements in the promoter regions of target genes. NFE2L2 is important for the coordinated up-regulation of genes in response to oxidative stress. NFE2L2 is 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.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, R

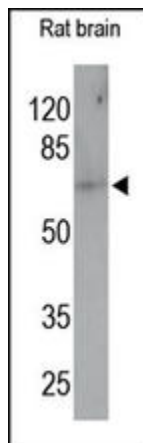
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** NRF2; Nuclear factor-E2-related factor2; Nuclear factor erythroid 2-related factor 2; NF-E2-related factor 2; NFE2-related factor 2; Nuclear factor, erythroid derived 2, like 2; HEBP1; NFE2L2

**Accession No.:** Q16236

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NFE2L2.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



**NFE2L2 Antibody (Cat. No. 251445) is used in Western blot to detect NFE2L2 in rat brain tissue lysate.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

**Product Citations:** Bagul P et al. 2012. Pharmacol Res. 66(3): 260-8. Attenuation of insulin resistance, metabolic syndrome and hepatic oxidative stress by resveratrol in fructose-fed rats. PMID 22627169

For research use only, not for diagnostic or therapeutic procedures.