

**Cat. No:** AB-81672

**Size:** 100 ug

**Clone:** POLY

**Concentration:** 1mg/ml

**Host:** Rabbit

**Isotype:** IgG

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 300-400 of human NRF1

**Reactivity:** Human, Mouse, Rat

**Applications:** Western Blot 1:500 - 1:2000  
Immunohistochemistry (P) 1:50 - 1:200  
Immunoprecipitation 1:500 - 1:1000

**Molecular Weight:** 68 kDa

**Purification:** Affinity Purified

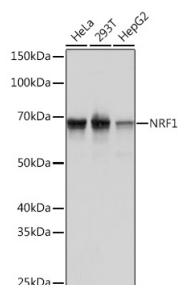
**Synonyms:** ALPHA-PAL

**Background:** This gene encodes a protein that homodimerizes and functions as a transcription factor which activates the expression of some key metabolic genes regulating cellular growth and nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. The protein has also been associated with the regulation of neurite outgrowth. Alternative splicing results in multiple transcript variants. Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene and for "nuclear factor (erythroid-derived 2)-like 1" which has an official symbol of NFE2L1.

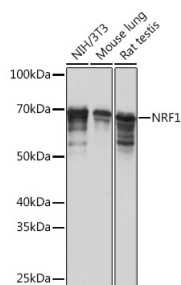
**Form:** Liquid

**Buffer:** PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

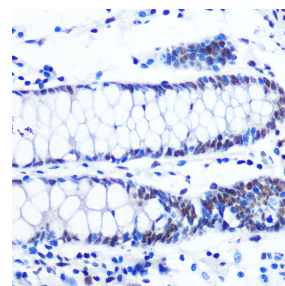
**Storage:** Store at -20°C. Avoid freeze / thaw cycles



Western blot analysis of extracts of various cell lines, using NRF1 Rabbit mAb at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit.



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Immunohistochemistry of paraffin-embedded human colon using NRF1 Rabbit mAb at dilution of 1:100 (40x lens).  
Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Exposure time: 1s.

Exposure time: 5s.

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