

**Product Name: Phospho-Nrf2 (Ser40) Rabbit
Monoclonal Antibody
Catalog #: AMRe84837**

Summary

Production Name	Phospho-Nrf2 (Ser40) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Phospho-Nrf2 (Ser40)
Alternative Names	NFE2L2; NRF2; Nuclear factor erythroid 2-related factor 2; NF-E2-related factor 2; NFE2-related factor 2; HEBP1; Nuclear factor; erythroid derived 2; like 2
Gene ID	4780.0
SwissProt ID	Q16236.A synthetic phosphopeptide corresponding to residues surrounding Ser40 of human Nrf2

Application

Dilution Ratio	WB:1:500-1:1000,IHC:1:50-1:100
Molecular Weight	Calculated MW: 68 kDa; Observed MW: 100 kDa

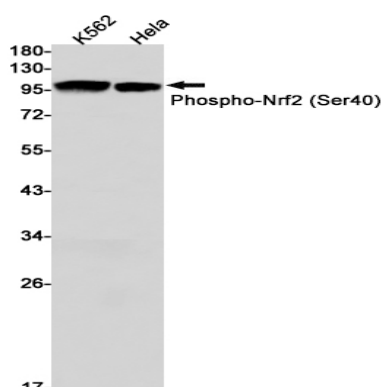
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Background

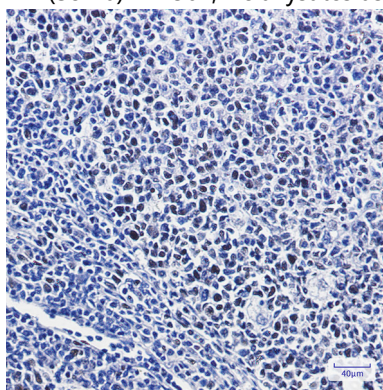
Transcription activator that binds to antioxidant response (ARE) elements in the promoter regions of target genes. Important for the coordinated up-regulation of genes in response to oxidative stress. May be involved in the transcriptional activation of genes of the beta-globin cluster by mediating enhancer activity of hypersensitive site 2 of the beta-globin locus control region.

Research Area

Image Data



Western blot analysis of Phospho-Nrf2 (Ser40) in K562, HeLa lysates using Phospho-Nrf2 (Ser40) antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Nrf2 (Phospho-S40) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

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For research use only.