

Product Datasheet

Phospho-Nrf2 (S40) Antibody



Catalog No: CY6573

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC

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Information

UniProt ID: Q16236

All Names: E4TF1-60; E4TF1A; GA binding protein transcription factor, alpha subunit 60kDa; GA-binding protein alpha chain; GABP subunit alpha; GABPA; human nuclear respiratory factor-2 subunit alpha; NFT2; NRF2; NRF2A; nuclear respiratory factor 2 alpha subunit;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 90 kDa

Application

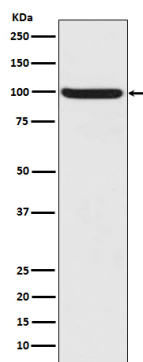
WB: 1:1000~1:2000

IHC: 1:50~1:200

ICC/IF: 1:50~1:200

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.



Western blot analysis of Nrf2 phosphorylation expression in HepG2 cell lysate.

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