

Product Datasheet

Nrf2 Antibody (EP1808Y) NB100-80011

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB100-80011

Nrf2 Antibody (EP1808Y)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	EP1808Y
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Tissue culture supernatant
Buffer	49% PBS, 0.05% BSA and 50% Glycerol
Target Molecular Weight	100 kDa
Product Description	
Host	Rabbit
Gene ID	4780
Gene Symbol	NFE2L2
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 25769424)
Immunogen	A synthetic peptide corresponding to residues near the C-terminus of human Nrf2 was used as an immunogen. The sequence maps between amino acids 580 and 605.
Notes	Produced using Abcam's RabMab® technology. RabMab® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.
Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-10000, Chromatin Immunoprecipitation 1:10-1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100-250, Immunoprecipitation 1:20, Immunohistochemistry-Paraffin 1:100-250, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	In Western blot this antibody detects a band at approximately 100 kDa. Use in IHC-F was reported in the scientific literature (PMID: 19734940). Use in Chip and CHIPseq was reported in the scientific literature (PMID: 22581777).

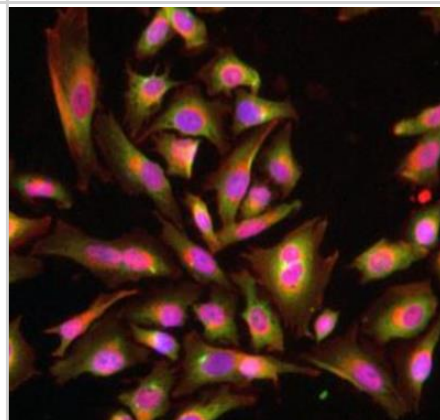


Images

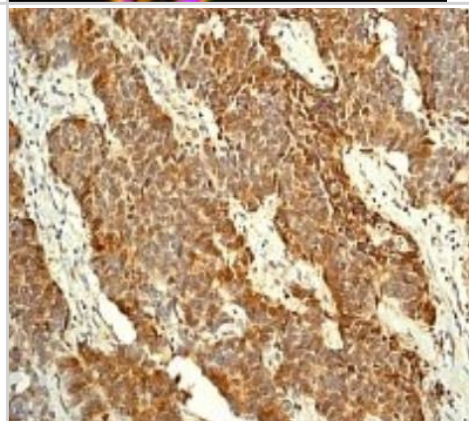
Western Blot: Nrf2 Antibody (EP1808Y) [NB100-80011] HepG2 cell lysate using a 1:2000 dilution.



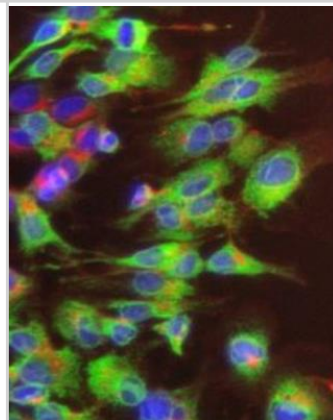
Immunocytochemistry/Immunofluorescence: Nrf2 Antibody (EP1808Y) [NB100-80011] - Stained HeLa cells.



Immunohistochemistry-Paraffin: Nrf2 Antibody (EP1808Y) [NB100-80011] - Human lung adenocarcinoma.



Immunocytochemistry/Immunofluorescence: Nrf2 Antibody (EP1808Y) [NB100-80011] - stained Hek293 cells.



Publications

Zhang Z, Li G, Szeto SS et al. Examining the neuroprotective effects of protocatechuic acid and chrysin on in vitro and in vivo models of Parkinson's disease. *Free Radic. Biol. Med.* 2015 Mar 10 [PMID: 25769424] (WB, ICC/IF, Rat)

Carvalho AC, Gomes AC, Pereira-Wilson C, Lima CF. Redox-dependent induction of antioxidant defenses by phenolic diterpenes confers stress tolerance in normal human skin fibroblasts: Insights on replicative senescence *Free Radic. Biol. Med.* 2015 Mar 02 [PMID: 25744415] (WB, Human)

Carvalho A, Franklin G, Dias A et al. Methanolic extract of *Hypericum perforatum* cells elicited with *Agrobacterium tumefaciens* provides protection against oxidative stress induced in human HepG2 cells. *Industrial Crops and Products.* 2014

Li L, Shen C, Nakamura E et al. SQSTM1 is a pathogenic target of 5q copy number gains in kidney cancer. *Cancer Cell.* 2013 Dec 9 [PMID: 24332042] (WB, IP, Human)

Wojewoda M, Duszyński J, Szczepanowska J et al. Antioxidant defence systems and generation of reactive oxygen species in osteosarcoma cells with defective mitochondria: effect of selenium. *Biochim Biophys Acta* 2010 Jun [PMID: 20138159] (WB)

Yang L, Calingasan NY, Thomas B et al. Neuroprotective effects of the triterpenoid, CDDO methyl amide, a potent inducer of Nrf2-mediated transcription. *PLoS One* 2009 Jun [PMID: 19484125] (WB)

Milhollen MA, Traore T, Adams-Duffy J et al. MLN4924, a NEDD8-activating enzyme inhibitor, is active in diffuse large B-cell lymphoma models: rationale for treatment of NF- κ B-dependent lymphoma, *Blood* 116 (2010) 1515-1523. *Biochim Biophys Acta* 1797 890-896. 2010 [PMID: 20525923]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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