



Nrf3 Polyclonal Antibody

Catalog No	YP-Ab-01917
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	NFE2L3
Immunogen	The antiserum was produced against synthesized peptide derived from human NFE2L3. AA range:491-540
Specificity	Nrf3 Polyclonal Antibody detects endogenous levels of Nrf3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Nrf3;NFE2L3;Nuclear factor erythroid 2-related factor 3;NF-E2-related factor 3; NFE2-related factor 3;Nuclear factor;erythroid derived 2;like 3
Observed Band	75kD
Calculated Molecular Weight	75kD
Cell Pathway	Nucleus .
Tissue Specificity	Highly expressed in human placenta and also in B-cell and monocyte cell lines. Low expression in heart, brain, lung, skeletal muscle, kidney and pancreas.
Function	function:Activates erythroid-specific, globin gene expression.,similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. CNC subfamily., similarity:Contains 1 bZIP domain.,subunit:Heterodimer with MAFG, MAFK and other small MAF proteins that binds to the MAF recognition elements (MARE)., tissue specificity:Highly expressed in human placenta and also in B-cell and monocyte cell lines. Low expression in heart, brain, lung, skeletal muscle, kidney and pancreas.,



Background

This gene encodes a member of the cap 'n' collar basic-region leucine zipper family of transcription factors. The encoded protein heterodimerizes with small musculoaponeurotic fibrosarcoma factors to bind antioxidant response elements in target genes. This protein is a membrane bound glycoprotein that is targeted to the endoplasmic reticulum and the nuclear envelope. Pseudogenes of this gene are found on chromosomes 16, 17, and 18. [provided by RefSeq, Mar 2009],

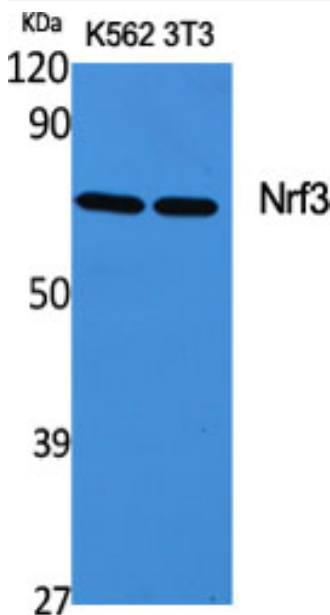
matters needing attention

Avoid repeated freezing and thawing!

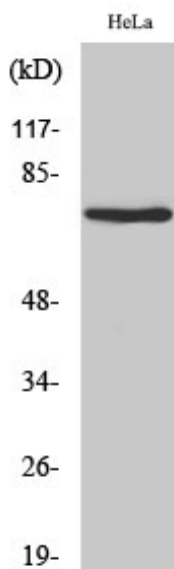
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Nrf3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western Blot analysis of HeLa cells using Nrf3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).