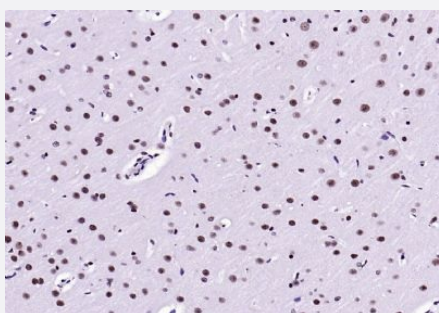


RecomAb™

NFE2L2 (Phospho S40) recombinant monoclonal antibody

Catalog # RAB02635 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraformaldehyde-fixed, paraffin embedded rat brain using anti using NFE2L2 (Phospho S40) recombinant monoclonal antibody (Cat # RAB02635). Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation at 1:200 overnight at 4°C.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NFE2L2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against KLH conjugated Synthesised phosphopeptide derived from human NFE2L2 around the phosphorylation site of Ser40.
Theoretical MW (kDa)	100
Reactivity	Human
Specificity	This antibody detects endogenous levels of Nrf2 protein only when phosphorylated at Ser40.
Form	Liquid
Purification	Protein A purification
Isotype	IgG

Recommend Usage

Immunohistochemistry (1:100-1:500)
The optimal working dilution should be determined by the end user.

Storage Buffer

In 0.01M TBS, pH7.4 (1% BSA, 0.03% Proclin300 and 50% Glycerol)

Storage Instruction

Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — NFE2L2

Entrez GeneID[4780](#)**Protein Accession#**[Q16236](#)**Gene Name**

NFE2L2

Gene Alias

NRF2

Gene Description

nuclear factor (erythroid-derived 2)-like 2

Omim ID[600492](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

NFE2 (MIM 601490), NFE2L1 (MIM 163260), and NFE2L2 comprise a family of human genes encoding basic leucine zipper (bZIP) transcription factors. They share highly conserved regions that are distinct from other bZIP families, such as JUN (MIM 165160) and FOS (MIM 164810), although remaining regions have diverged considerably from each other (Chan et al., 1995 [PubMed 786 8116]).[supplied by OMIM]

Other Designations

NF-E2-related factor 2|OTTHUMP00000164988

Disease

- [Adenoma](#)
- [Alzheimer Disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cataract](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Disease Progression](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Parkinson Disease](#)
- [Peptic Ulcer](#)
- [Prenatal Exposure Delayed Effects](#)
- [Pulmonary Disease](#)
- [Pulmonary Embolism](#)
- [Respiratory Distress Syndrome](#)

- [Stomach Neoplasms](#)
- [Venous Thrombosis](#)
- [Vitiligo](#)