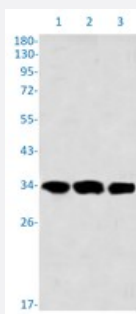


RecomAb™

USF1 recombinant monoclonal antibody, clone R03-5E6

Catalog # RAB04420 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: mouse brain tissue and Lane 3: Ramos whole cell lysate with USF1 recombinant monoclonal antibody, clone R03-5E6 (Cat # RAB04420).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human USF1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human USF1.
Theoretical MW (kDa)	Calculated MW: 34 kD
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: mouse brain tissue and Lane 3: Ramos whole cell lysate with USF1 recombinant monoclonal antibody, clone R03-5E6 (Cat # RAB04420).

Gene Info — USF1

Entrez GeneID[7391](#)**Protein Accession#**[P22415](#)**Gene Name**

USF1

Gene Alias

FCHL, FCHL1, HYPLIP1, MLTF, MLTF1, UEF, bHLHb11

Gene Description

upstream transcription factor 1

Omim ID[144250](#) [191523](#) [602491](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the basic helix-loop-helix leucine zipper family, and can function as a cellular transcription factor. The encoded protein can activate transcription through pyrimidine-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hyperlipidemia (FCHL). Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000029691|OTTHUMP00000029693|major late transcription factor 1|upstream stimulatory factor 1

Disease

- [Alzheimer disease](#)
- [Aortic Diseases](#)
- [Arteriosclerosis](#)

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Artery Disease](#)
- [Death](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemia](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)