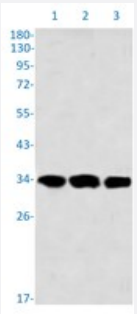
RecomAb™

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
Preparation Method	Mammalian cell (CHO) expression system
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).

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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 shoul d 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, MLTFI, 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 pyrimidin e-rich initiator (Inr) elements and E-box motifs. This gene has been linked to familial combined hy perlipidemia (FCHL). Two transcript variants encoding distinct isoforms have been identified for t his gene. [provided by RefSeq
Other Designations	OTTHUMP00000029691|OTTHUMP00000029693|major late transcription factor 1|upstream stim ulatory factor 1

Disease

- Alzheimer disease
- Aortic Diseases
- Arteriosclerosis

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- 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

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