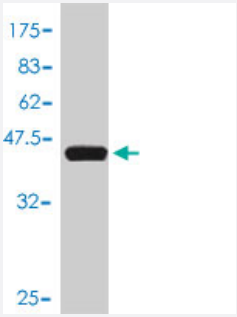
USF1 polyclonal antibody (A01)

Catalog # H00007391-A01 Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant USF1.
Immunogen	USF1 (NP_009053, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag.
Sequence	MKGQQKTAETEEGTVQIQEGAVATGEDPTSVAIASIQSAATFPDPNVKYVFRTENGGQVMYRVIQ VSEGQLDGQTEGTGAISGYPATQSMTQAVIQGAFTSDDAVDTEGT
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — USF1

Entrez GeneID	7391
GeneBank Accession#	NM_007122
Protein Accession#	NP_009053
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

Publication Reference

- Histone Crosstalk Directed by H2B Ubiquitination Is Required for Chromatin Boundary Integrity.

  Ma MK, Heath C, Hair A, West AG.

  PLoS Genetics 2011 Jul; 7(7):e1002175.

  Application: WB-Ce, Chicken, 6C2 cells

- Use of a single chain antibody library for ovarian cancer biomarker discovery.

  Ramirez AB, Loch CM, Zhang Y, Liu Y, Wang X, Wayner EA, Sargent JE, Sibani S, Hainsworth E, Mendoza EA, Eugene R, Labaer J, Urban ND, McIntosh MW, Lampe PD.

  Molecular and Cellular Proteomics 2010 May; 9(7):1449.

  Application: Dot, Human, Human proximal fluid, Human serum

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