

Datasheet for ABIN5515236
anti-USF1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	USF1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human USF1
Sequence:	QVSEGLDGG TEGTGAISGY PATQSMTQAV IQGAFTSDDA VDTEGTAAET
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against USF1. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	USF1
Alternative Name:	USF1 (USF1 Products)

Target Details

Background:	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). Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been defined on chromosome 21. Alias Symbols: USF1, BHLHB11, USF, Protein Interaction Partner: FOSL1, USF1, TRAF2, FOS, USF2, BAG3, UBC, TCF3, APP, SETD1A, ASH2L, TRRAP, TAF6, SMARCA1, RBBP5, RBBP4, CHD8, WDR5, MAX, PRMT1, HCFC1, GTF3C1, GTF2I, BPTF, Cebpb, ELAVL1, SUMO2, KAT2B, XRCC5, TOP2B, SREBF1, PRKDC, XRCC6, PARP1, GTF2IRD1, SMARCA5, RBBP7, E Protein Size: 310
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Gene ID: 7391

UniProt: [P22415](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: USF1 Sample Type: Fetal Kidney lysates Antibody Dilution: 1.0ug/ml