Datasheet for ABIN7111195

anti-ADI1 antibody

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Overview

Quantity:	100 µg
Target:	ADI1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADI1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	acireductone dioxygenase 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ADI1
Alternative Name:	ADI1 (ADI1 Products)
Background:	Synonyms:Aci reductone dioxygenase, acireductone dioxygenase 1, ADI1, APL1, ARD, FLJ10913, HMFT1638, MTCBP 1, MTCBP1, SIP L, SIPL Background:Catalyzes the formation of formate and 2-keto-4-methylthiobutyrate(KMTB) from 1,2-dihydroxy-3-keto-5-methylthiopentene(DHK-MTPene). Also down-regulates cell migration mediated by MMP14.

Target Details

	Necessary for hepatitis C virus replication in an otherwise non-permissive cell line.
Molecular Weight:	20 kDa
Gene ID:	55256
UniProt:	Q9BV57
Pathways:	Methionine Biosynthetic Process

Application Details

Application Notes:	WB: 1:200-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months