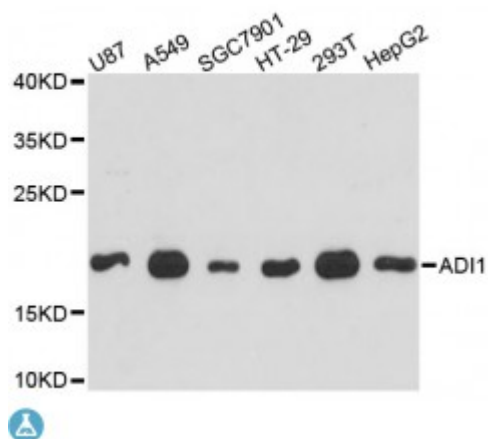


Anti-ADI1 Antibody



Description

This gene encodes an enzyme that belongs to the acyl-reductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. This enzyme may regulate mRNA processing in the nucleus, and may carry out different functions depending on its localization. Related pseudogenes have been defined on chromosomes 8 and 20. Alternative splicing results in multiple transcript variants encoding different isoforms.

Model STJ116261

Host Rabbit

Reactivity Human

Applications WB

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 1-179 of human ADI1 (NP_060739.2).

Gene ID [55256](#)

Gene Symbol [ADI1](#)

Dilution range WB 1:500 - 1:2000

Tissue Specificity Detected in heart, colon, lung, stomach, brain, spleen, liver, skeletal muscle and kidney

Purification Affinity purification

Note For Research Use Only (RUO).

Protein Name 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase

Molecular Weight	21.498 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:30576OMIM:613400Reactome:R-HSA-1237112
Alternative Names	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase
Function	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, Necessary for hepatitis C virus replication in an otherwise non-permissive cell line,
Cellular Localization	Cytoplasm, Nucleus, Cell membrane

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