

产品名称: ADI1 Rabbit Polyclonal Antibody
产品货号: APRab06631



产品概述 (Summary)

产品名称 (Production Name)	ADI1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ADI1
别名 (Alternative Names)	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase (EC 1.13.11.54; Acireductone dioxygenase (Fe(2+)-requiring); ARD; Fe-ARD; Membrane-type 1 matrix metalloproteinase cytoplasmic tail-binding protein 1; MTCBP-1; Submergence-induced protein-like factor; Sip-L)
基因 ID (Gene ID)	55256.0
蛋白 ID (SwissProt ID)	Q9BV57. The antiserum was produced against synthesized peptide derived from the Internal region of human ADI1. AA range: 71-120

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
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蛋白分子量 (Molecular Weight)

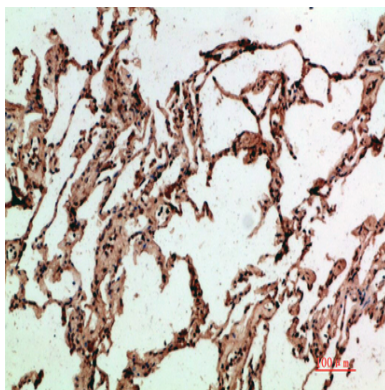
研究背景 (Background)

This gene encodes an enzyme that belongs to the aci-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. [provided by RefSeq, Apr 2015], cofactor: Binds 1 nickel ion per monomer. Can also use other divalent metal cations., function: Has aci-reductone dioxygenase (ARD) activity and can function in the 5-methylthioadenosine (MTA) methionine salvage pathway. Down-regulates cell migration mediated by MMP14. Necessary for hepatitis C virus replication in an otherwise non-permissive cell line., pathway: Amino-acid biosynthesis; L-methionine biosynthesis via salvage pathway; L-methionine from (S)-methyl-5-thio-alpha-D-ribose 1-phosphate: step 5/6., similarity: Belongs to the aci-reductone dioxygenase (ARD) family., subunit: Interacts with MMP14., tissue specificity: Detected in heart, colon, lung, stomach, brain, spleen, liver, skeletal muscle and kidney.,

研究领域 (Research Area)

Cysteine and methionine metabolism;

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:200

注意事项 (Note)

For research use only .