

ADI1 rabbit pAb

Cat No.:ES8760

For research use only

Overview

Product Name	ADI1 rabbit pAb	
Host species	Rabbit	
Applications	IHC;IF;ELISA	
Species Cross-Reactivity	Human;Mouse;Rat	
Recommended dilutions	IHC-p 1:50-200, ELISA 1:10000-20000	
Immunogen	The antiserum was produced against synthesized	
	peptide derived from the Internal region of human	
	ADI1. AA range:71-120	
Specificity	The antibody detects endogenous ADI1	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and	
	0.02% sodium azide.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	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 pro	
Gene Name	ADI1 MTCBP1 HMFT1638	
Cellular localization	Cytoplasm . Nucleus . Cell membrane ; Peripheral	
	membrane protein ; Cytoplasmic side . Localizes to	
	the plasma membrane when complexed to	
	MMP14	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration	1 mg/ml	
Observed band		
Human Gene ID	55256	
Human Swiss-Prot Number	Q9BV57	
Alternative Names	1,2-dihydroxy-3-keto-5-methylthiopentene	
	dioxygenase (EC 1.13.11.54;Acireductone	
	dioxygenase	



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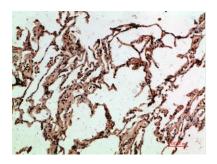


Background

(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)

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],

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





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