

产品名称: AMPD2 Rabbit Polyclonal Antibody
产品货号: APRab06835



产品概述 (Summary)

产品名称 (Production Name)	AMPD2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	AMPD2
别名 (Alternative Names)	AMPD2; AMP deaminase 2; AMP deaminase isoform L
基因 ID (Gene ID)	271.0
蛋白 ID (SwissProt ID)	Q01433.The antiserum was produced against synthesized peptide derived from human AMPD2. AA range:131-180

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	100kDa

研究背景 (Background)

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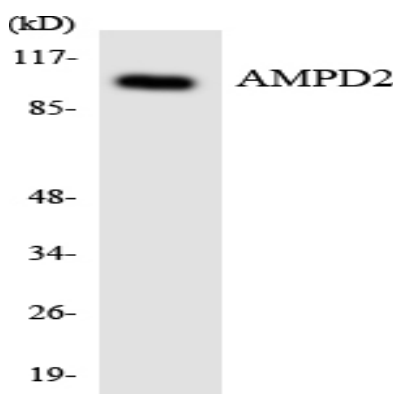


The protein encoded by this gene is important in purine metabolism by converting AMP to IMP. The encoded protein, which acts as a homotetramer, is one of three AMP deaminases found in mammals. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012], catalytic activity: $\text{AMP} + \text{H}_2\text{O} = \text{IMP} + \text{NH}_3$, function: AMP deaminase plays a critical role in energy metabolism, pathway: Purine metabolism; IMP biosynthesis via salvage pathway; IMP from AMP: step 1/1, similarity: Belongs to the adenosine and AMP deaminases family, subunit: Homotetramer, tissue specificity: Three isoforms are present in mammals: AMP deaminase 1 is the predominant form in skeletal muscle; AMP deaminase 2 predominates in smooth muscle, non-muscle tissue, embryonic muscle and undifferentiated myoblasts; AMP deaminase 3 is found in erythrocytes.

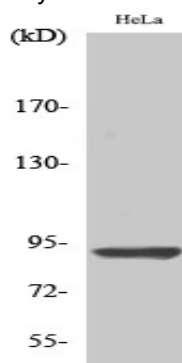
研究领域 (Research Area)

Purine metabolism;

图片 (Image Data)



Western blot analysis of the lysates from HeLa cells using AMPD2 antibody.



Western Blot analysis of various cells using AMPD2 Polyclonal Antibody

注意事项 (Note)

For research use only .