

产品名称: UBE1L Rabbit Polyclonal Antibody
产品货号: APRab19516



产品概述 (Summary)

产品名称 (Production Name)	UBE1L Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

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)	UBA7
别名 (Alternative Names)	UBA7; UBE1L; UBE2; Ubiquitin-like modifier-activating enzyme 7; Ubiquitin-activating enzyme 7; D8; Ubiquitin-activating enzyme E1 homolog
基因 ID (Gene ID)	7318.0
蛋白 ID (SwissProt ID)	P41226.The antiserum was produced against synthesized peptide derived from human UBE1L. AA range:963-1012

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	112kDa

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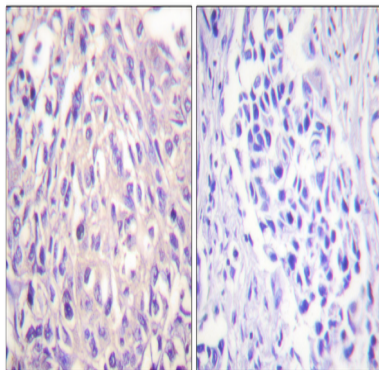
研究背景 (Background)

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme is a retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein. [provided by RefSeq, Jul 2008],function:Activates ubiquitin by first adenylating with ATP its C-terminal glycine residue and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding an ubiquitin-E1 thioester and free AMP.,miscellaneous:There are two active sites within the E1 molecule, allowing it to accommodate two ubiquitin moieties at a time, with a new ubiquitin forming an adenylate intermediate as the previous one is transferred to the thiol site.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the ubiquitin-activating E1 family.,subunit:Monomer (By similarity). Binds and is involved in the conjugation of G1P2/ISG15.,tissue specificity:Expressed in a variety of normal and tumor cell types, but is reduced in lung cancer cell lines.,

研究领域 (Research Area)

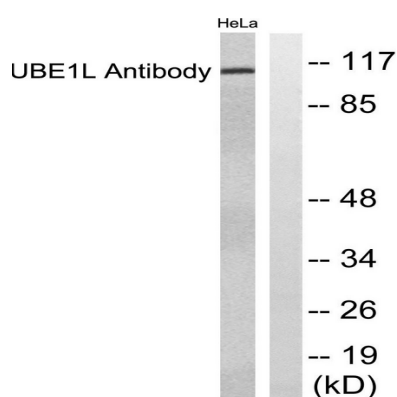
Ubiquitin mediated proteolysis;Parkinson's disease;

图片 (Image Data)

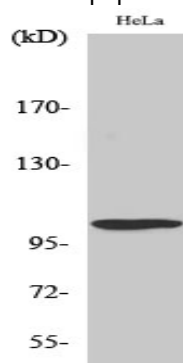


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using UBE1L Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HeLa cells, using UBE1L Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using UBE1L Polyclonal Antibody diluted at 1: 2000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .