

产品名称: p115 Rabbit Polyclonal Antibody
产品货号: APRab15565



产品概述 (Summary)

产品名称 (Production Name)	p115 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,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)	USO1
别名 (Alternative Names)	USO1; VDP; General vesicular transport factor p115; Protein USO1 homolog; Transcytosis-associated protein; TAP; Vesicle-docking protein
基因 ID (Gene ID)	8615.0
蛋白 ID (SwissProt ID)	O60763.The antiserum was produced against synthesized peptide derived from human USO1. AA range:913-962

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	108kDa

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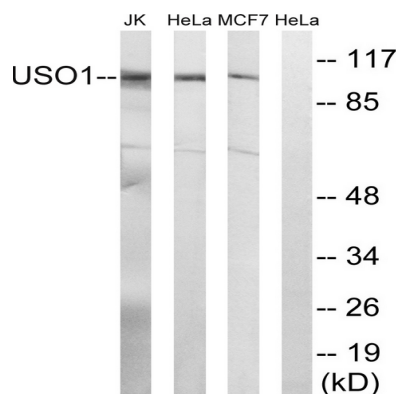
研究背景 (Background)

The protein encoded by this gene is a peripheral membrane protein which recycles between the cytosol and the Golgi apparatus during interphase. It is regulated by phosphorylation: dephosphorylated protein associates with the Golgi membrane and dissociates from the membrane upon phosphorylation. Ras-associated protein 1 recruits this protein to coat protein complex II (COPII) vesicles during budding from the endoplasmic reticulum, where it interacts with a set of COPII vesicle-associated SNAREs to form a cis-SNARE complex that promotes targeting to the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014], domain: Composed of a globular head, an elongated tail (coiled-coil) and a highly acidic C-terminal domain., function: General vesicular transport factor required for intercisisternal transport in the Golgi stack; it is required for transcytotic fusion and/or subsequent binding of the vesicles to the target membrane. May well act as a vesicular anchor by interacting with the target membrane and holding the vesicular and target membranes in proximity., PTM: Phosphorylated in a cell cycle-specific manner; phosphorylated in interphase but not in mitotic cells. Dephosphorylated protein associates with the Golgi membrane; phosphorylation promotes dissociation., similarity: Belongs to the VDP/USO1/EDE1 family., subcellular location: Recycles between the cytosol and the Golgi apparatus during interphase.,

研究领域 (Research Area)

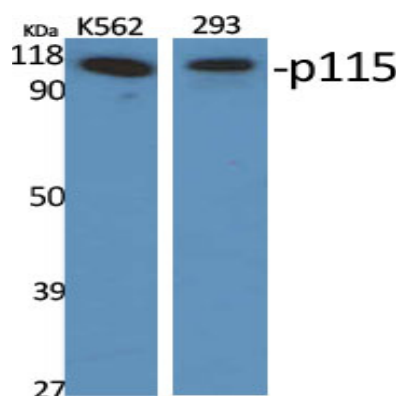
Signal Transduction

图片 (Image Data)

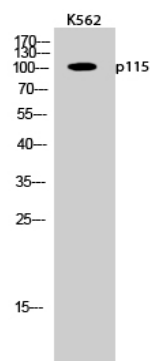


Western blot analysis of lysates from MCF-7, HeLa, and Jurkat cells, using USO1 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using p115 Polyclonal Antibody diluted at 1: 2000



Western Blot analysis of K562 cells using p115 Polyclonal Antibody diluted at 1: 2000

注意事项 (Note)

For research use only .