

p115 rabbit pAb**Cat#: orb765966 (Manual)**

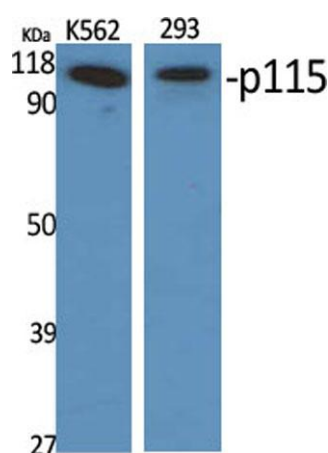
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Product Name	p115 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human USO1. AA range:913-962
Specificity	p115 Polyclonal Antibody detects endogenous levels of p115 protein.
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	General vesicular transport factor p115
Gene Name	USO1
Cellular localization	Cytoplasm, cytosol . Golgi apparatus membrane ; Peripheral membrane protein . Recycles between the cytosol and the Golgi apparatus during interphase. During interphase, the phosphorylated form is found exclusively in cytosol; the unphosphorylated form is associated with Golgi apparatus membranes. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

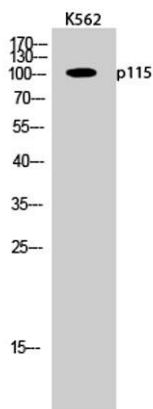
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	108kD
Human Gene ID	8615
Human Swiss-Prot Number	O60763
Alternative Names	USO1; VDP; General vesicular transport factor p115; Protein USO1 homolog; Transcytosis-associated protein; TAP; Vesicle-docking protein

Background

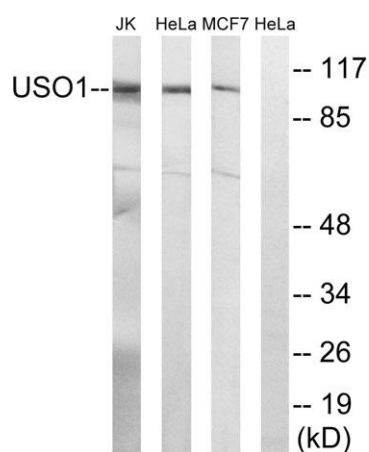
The protein encoded by this gene is a peripheral membrane protein which recycles between the cytosol and the Golgi apparatus during interphase. It is regulated by phosphorylation: dephosphorylated protein associates with the Golgi membrane and dissociates from the membrane upon phosphorylation. Ras-associated 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],



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



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.