

p115 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06735
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human USO1. AA range:913-962
Mol wt	107895
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	p115 Antibody
Synonyms	USO1; VDP; General vesicular transport factor p115; Protein USO1 homolog; Transcytosis-associated protein; TAP; Vesicle-docking protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

USO1 vesicle transport factor encoded by USO1 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 USO1 vesicle transport factor 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.

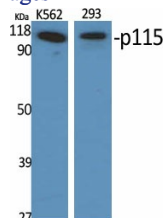
Recommended Dilution

WB: 1: 500 - 1: 2000

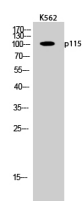
ELISA: 1: 40000

Not yet tested in other applications.

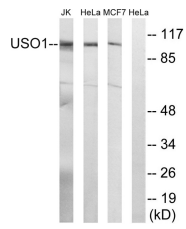
Images



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.

Storage

-20°C for one year

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