Datasheet for ABIN1881762

anti-RPLP0P6 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	RPLP0P6
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPLP0P6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RPLP0P6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human RPLP0P6.
Clone:	RB45113
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, Zf, M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RPLP0P6

Target Details

Alternative Name:	RPLP0P6 (RPLP0P6 Products)
Background:	Ribosomal protein P0 is the functional equivalent of E.coli protein L10 (By similarity).
Molecular Weight:	34364
UniProt:	Q8NHW5

Application Details

Application Notes:	IF: 1:25. WB: 1:1000. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Hyrskyluoto, Bruelle, Lundh, Do, Kivinen, Rappou, Reijonen, Waltimo, Petersén, Lindholm, Korhonen: "Ubiquitin-specific protease-14 reduces cellular aggregates and protects against mutant huntingtin-induced cell degeneration: involvement of the proteasome and ER stress-activated kinase IRE1?." in: **Human molecular genetics**, Vol. 23, Issue 22, pp. 5928-39, (2014) (PubMed). Davila, Froeling, Tan, Bonnard, Boland, Snippe, Hibberd, Seielstad: "New genetic associations detected in a host response study to hepatitis B vaccine." in: **Genes and immunity**, Vol. 11, Issue 3, pp. 232-8, (2010) (PubMed). Chen, Qin, Li, Walters, Wilson, Mei, Wilson: "The proteasome-associated deubiquitinating enzyme Usp14 is essential for the maintenance of synaptic ubiquitin levels and the

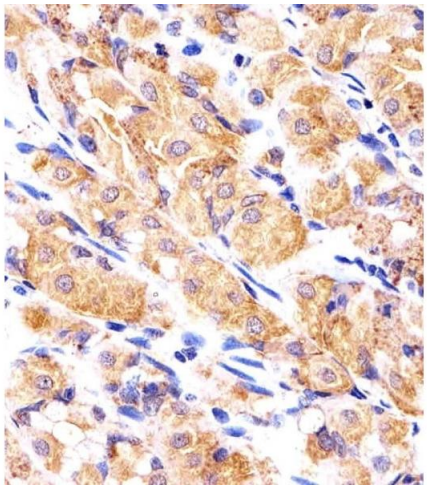
Publications

development of neuromuscular junctions." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 29, Issue 35, pp. 10909-19, (2009) (PubMed).

Nagai, Kadowaki, Maruyama, Takeda, Nishitoh, Ichijo: "USP14 inhibits ER-associated degradation via interaction with IRE1alpha." in: **Biochemical and biophysical research communications**, Vol. 379, Issue 4, pp. 995-1000, (2009) (PubMed).

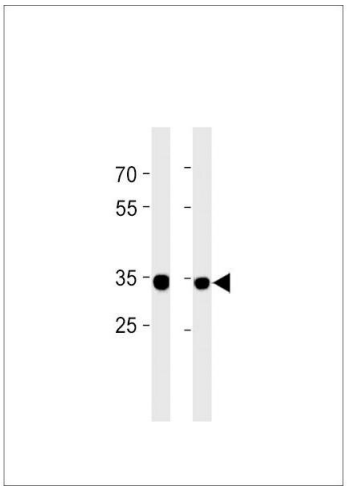
Mines, Goodwin, Limbird, Cui, Fan: "Deubiquitination of CXCR4 by USP14 is critical for both CXCL12-induced CXCR4 degradation and chemotaxis but not ERK ativation." in: **The Journal of biological chemistry**, Vol. 284, Issue 9, pp. 5742-52, (2009) (PubMed).

Images



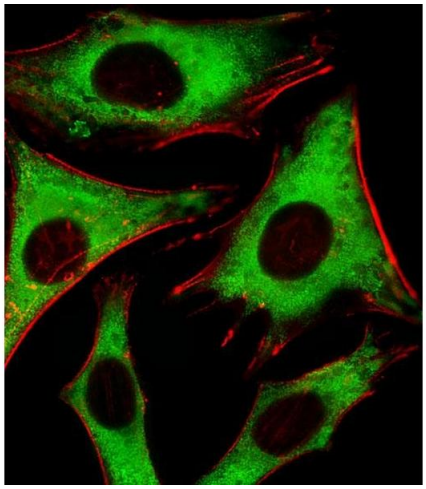
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H. stomach section using RPLP0P6 Antibody (N-term) (ABIN1881762 and ABIN2843386). (ABIN1881762 and ABIN2843386) was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Western Blotting

Image 2. RPLP0P6 Antibody (N-term) (ABIN1881762 and ABIN2843386) western blot analysis in ,PC-3 cell line lysates (35 µg/lane).This demonstrates the RPLP0P6 antibody detected the RPLP0P6 protein (arrow).



Immunofluorescence

Image 3. Fluorescent image of Hela cells stained with RPLP0P6 Antibody (N-term) (ABIN1881762 and ABIN2843386). (ABIN1881762 and ABIN2843386) was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).