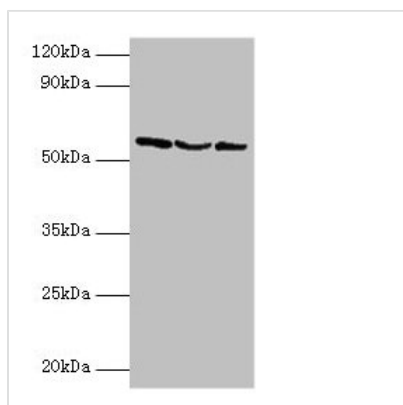




USP14 Antibody

Product Code	CSB-PA025704LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P54578
Immunogen	Recombinant Human Ubiquitin carboxyl-terminal hydrolase 14 protein (1-494AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	Proteasome-associated deubiquitinase which releases ubiquitin from the proteasome targeted ubiquitinated proteins. Ensures the regeneration of ubiquitin at the proteasome. Is a reversibly associated subunit of the proteasome and a large fraction of proteasome-free protein exists within the cell. Required for the degradation of the chemokine receptor CXCR4 which is critical for CXCL12-induced cell chemotaxis. Serves also as a physiological inhibitor of endoplasmic reticulum-associated degradation (ERAD) under the non-stressed condition by inhibiting the degradation of unfolded endoplasmic reticulum proteins via interaction with ERN1. Indispensable for synaptic development and function at neuromuscular junctions (NMJs).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Ubiquitin carboxyl-terminal hydrolase 14 (EC 3.4.19.12) (Deubiquitinating enzyme 14) (Ubiquitin thioesterase 14) (Ubiquitin-specific-processing protease 14), USP14, TGT
Species	Human
Research Area	Cell Biology
Target Names	USP14
Image	


Western blot

All lanes: USP14 antibody at 2μg/ml

Lane 1: Hela whole cell lysate

Lane 2: 293T whole cell lysate

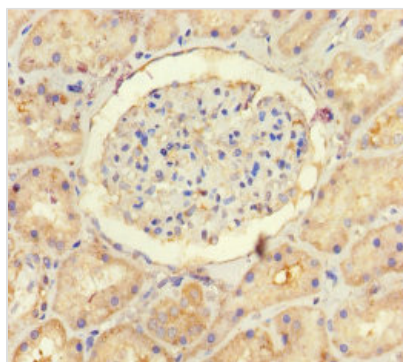
Lane 3: NIH/3T3 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

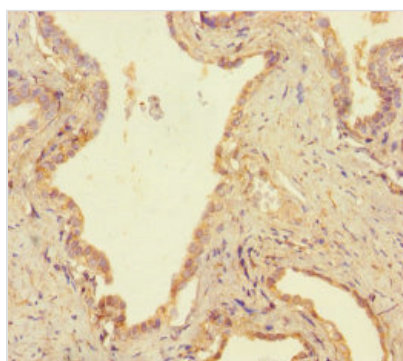
Predicted band size: 57, 53, 55 kDa

Observed band size: 57 kDa


Immunohistochemistry of paraffin-embedded

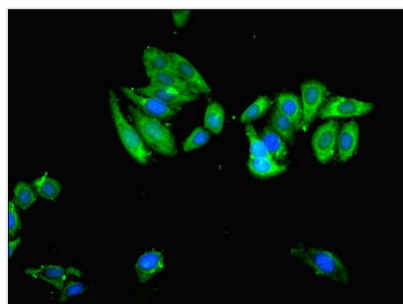
human kidney tissue using CSB-

PA025704LA01HU at dilution of 1:100


Immunohistochemistry of paraffin-embedded

human prostate cancer using CSB-

PA025704LA01HU at dilution of 1:100


Immunofluorescent analysis of HepG2 cells

cells using CSB-PA025704LA01HU at dilution of

1:100 and Alexa Fluor 488-conjugated

AffiniPure Goat Anti-Rabbit IgG(H+L)