


Product datasheet

Anti-UBR4/p600 antibody ab86738

★★★★★ [2 Abreviews](#) [12 References](#) [2 Images](#)

Overview

Product name	Anti-UBR4/p600 antibody
Description	Rabbit polyclonal to UBR4/p600
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Horse, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Bat 
Immunogen	Synthetic peptide corresponding to Human UBR4/p600 aa 5133-5183. Database link: NP_065816.1
Positive control	WB: HeLa whole cell lysate (ab150035) IHC-P: human prostate carcinoma tissue
General notes	Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab86738 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (2)	1/2000 - 1/10000. Predicted molecular weight: 574 kDa.

Target

Function

E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation. Together with clathrin, forms meshwork structures involved in membrane morphogenesis and cytoskeletal organization. Regulates integrin-mediated signaling. May play a role in activation of FAK in response to cell-matrix interactions.

Pathway

Protein modification; protein ubiquitination.

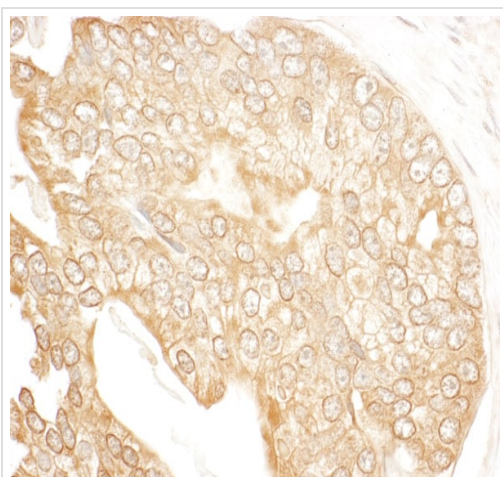
Sequence similarities

Belongs to the UBR4 family.
Contains 1 UBR-type zinc finger.

Cellular localization

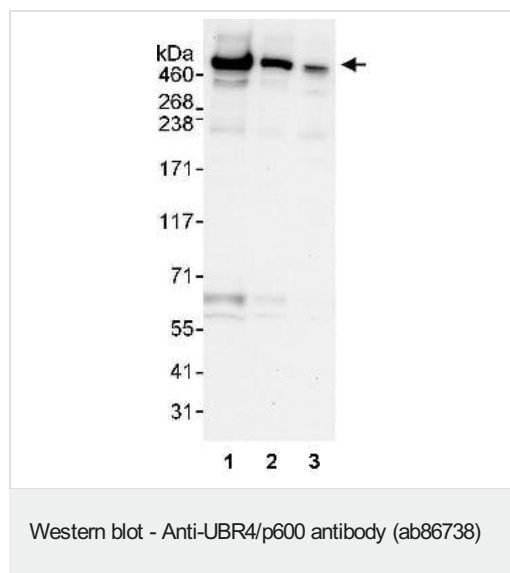
Membrane. Cytoplasm. Cytoplasm > cytoskeleton. Nucleus. Concentrates at the leading edge of membrane structures involved in actin motility.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate carcinoma tissue labelling UBR4/p600 with ab86738 at 1/200 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UBR4/p600 antibody (ab86738)



All lanes : Anti-UBR4/p600 antibody (ab86738) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 5 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 574 kDa

Exposure time: 30 seconds

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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