

Datasheet for ABIN3042338
anti-Ubiquitin B antibody (AA 77-152)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Ubiquitin B (UBB)
Binding Specificity:	AA 77-152
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ubiquitin B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Ubiquitin-60S ribosomal protein L40(UBA52) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	E.coli-derived human Ubiquitin recombinant protein (Position: M77-G152).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Ubiquitin-60S ribosomal protein L40(UBA52) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: ubiquitin B Protein Name: Polyubiquitin-B
Purification:	Immunogen affinity purified.

Target Details

Target:	Ubiquitin B (UBB)
Alternative Name:	UBB (UBB Products)
Background:	<p>Ubiquitin (originally, ubiquitous immunopoietic polypeptide) is a small regulatory protein that has been found in almost all tissues (ubiquitously) of eukaryotic organisms. Its gene is mapped to 16p 13.3. The ubiquitin protein itself consists of 76 amino acids and has a molecular mass of about 8.5 kDa. Ubiquitin binds to proteins and labels them for destruction. It directs protein recycling and also direct proteins to other locations in the cell, where they control other protein and cell mechanisms.</p> <p>Synonyms: FLJ25987 antibody MGC8385 antibody Polyubiquitin B antibody RPS 27A antibody RPS27A antibody UBA 52 antibody UBA 80 antibody UBA52 antibody UBA80 antibody UBB antibody UBB_HUMAN antibody UBC antibody UBCEP 1 antibody UBCEP 2 antibody UBCEP1 antibody UBCEP2 antibody Ubiquitin antibody ubiquitin B antibody</p>
Gene ID:	7314
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Mitotic G1-G1/S Phases , DNA Replication , Toll-Like Receptors Cascades , Synthesis of DNA , Autophagy , EGFR Downregulation , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, The detection limit for Ubiquitin is approximately 0.25 ng/lane under reducing conditions.</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

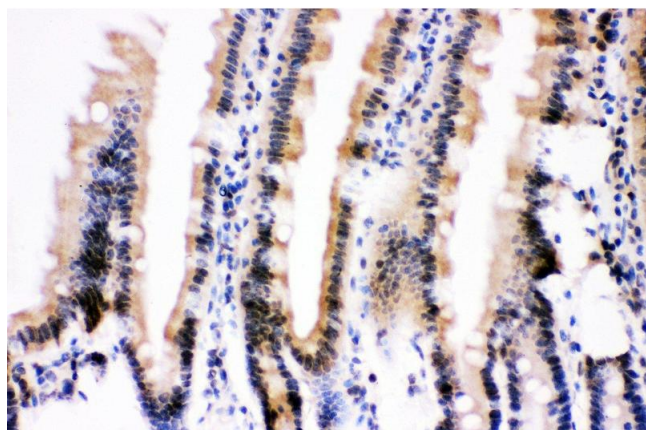
Handling

Format:	Lyophilized
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Handling

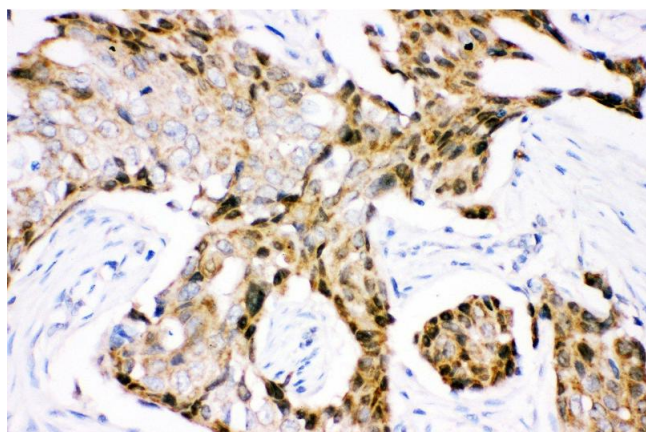
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



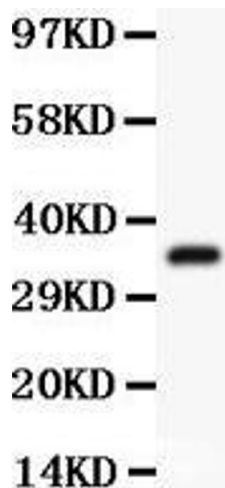
Immunohistochemistry

Image 1. Anti- Ubiquitin Picoband antibody, IHC(P) IHC(P):
Mouse Intestine Tissue



Immunohistochemistry

Image 2. Anti- Ubiquitin Picoband antibody, IHC(P) IHC(P):
Human Mammary Cancer Tissue



Western Blotting

Image 3. Anti- Ubiquitin Picoband antibody, Western blotting
All lanes: Anti Ubiquitin at 0.5ug/ml WB: Recombinant
Human Ubiquitin Protein 0.5ng Predicted bind size: 36KD
Observed bind size: 36KD

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3042338.