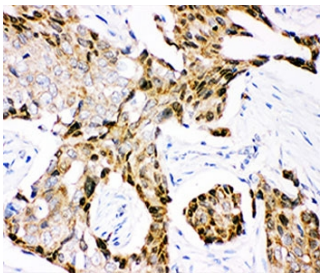
Ubiquitin Antibody (R31544)

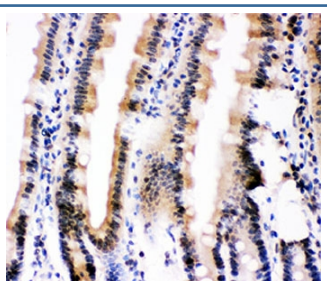
Catalog No.	Formulation	Size
R31544	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

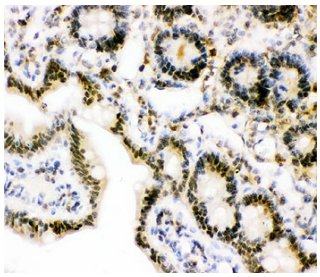
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	7314
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This Ubiquitin antibody is available for research use only.



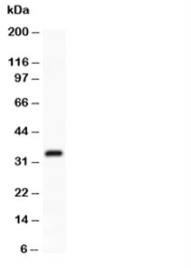
IHC-P: Ubiquitin antibody testing of human mammary cancer tissue



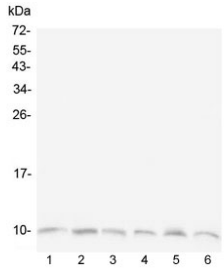
IHC-P: Ubiquitin antibody testing of mouse intestine tissue



IHC-P: Ubiquitin antibody testing of rat intestine tissue



Western blot testing of Ubiquitin antibody and recombinant human protein (0.5ng)



Western blot testing of 1) human Caco-2, 2) human K562, 3) human ThP-1, 4) rat PC-12, 5) rat brain and 6) mouse brain with Ubiquitin antibody. Predicted molecular weight ~9 kDa.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Ubiquitin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 77-152) was used as the immunogen for this Ubiquitin antibody.

Storage

After reconstitution, the Ubiquitin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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