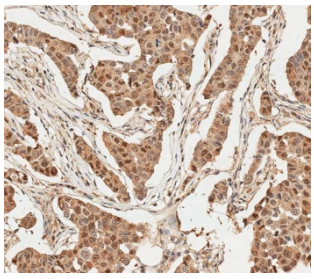
Anti-Ubiquitin Antibody (F42055)

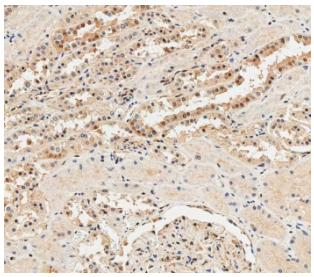
Catalog No.	Formulation	Size
F42055-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42055-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

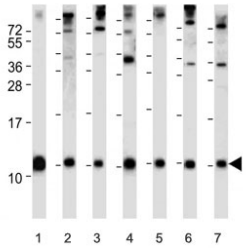
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P0CG48
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1:1000-1:2000 Immunohistochemistry (FFPE) : 1:100-1:500
Limitations	This anti-Ubiquitin antibody is available for research use only.



IHC staining of FFPE human breast carcinoma with anti-Ubiquitin antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human kidney tissue with anti-Ubiquitin antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human 293, 2) human HeLa, 3) human HepG2, 4) human A549, 5) mouse NIH 3T3, 6) rat C2C12 and 7) rat C6 cell lysate with anti-Ubiquitin antibody. Predicted molecular weight ~8 kDa.

Description

This gene encodes ubiquitin, one of the most conserved proteins known. Ubiquitin is required for ATP-dependent, nonlysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. It is covalently bound to proteins to be degraded, and presumably labels these proteins for degradation.

Application Notes

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

Immunogen

A portion of amino acids 1-32 from the human protein was used as the immunogen for this anti-Ubiquitin antibody.

Storage

Can be stored at 4oC for one month. For long-term, aliquot the anti-Ubiquitin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com