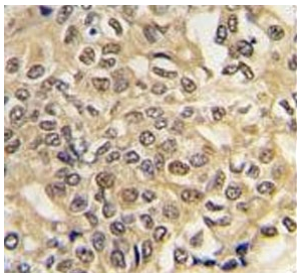
Ubiquitin-like modifier-activating enzyme 1 Antibody / UBA1 (F54754)

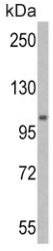
Catalog No.	Formulation	Size
F54754-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54754-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

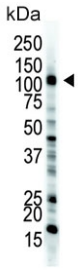
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P22314
Localization	Cytoplasmic, nuclear
Applications	Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000
Limitations	This Ubiquitin-like modifier-activating enzyme 1 antibody is available for research use only.



IHC testing of FFPE human hepatocellular carcinoma tissue with Ubiquitin-like modifier-activating enzyme 1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of mouse stomach tissue lysate with Ubiquitin-like modifier-activating enzyme 1 antibody. Expected molecular weight: ~118/114 kDa (isoforms a/b).



Western blot testing of human HL60 cell lysate with Ubiquitin-like modifier-activating enzyme 1 antibody. Expected molecular weight: ~118/114 kDa (isoforms a/b).

Description

UBE1 / UBA1 catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements an X-linked mouse temperature-sensitive defect in DNA synthesis, and thus may function in DNA repair. It is part of a gene cluster on chromosome Xp11.23. Alternative splicing results in 2 transcript variants encoding the same protein, but with different 5' UTR.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Ubiquitin-like modifier-activating enzyme 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1026-1058 from the human protein was used as the immunogen for the Ubiquitin-like modifier-activating enzyme 1 antibody.

Storage

Aliquot the Ubiquitin-like modifier-activating enzyme 1 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
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