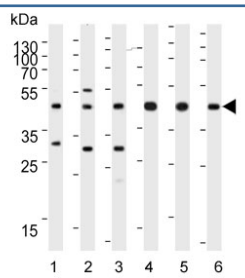
GLUL Antibody (F54251)

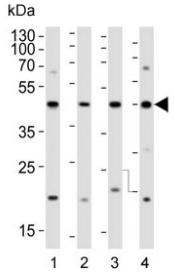
Catalog No.	Formulation	Size
F54251-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54251-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

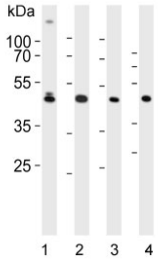
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P15104
Gene ID	2752
Localization	Cytoplasmic, plasma membrane
Applications	Western Blot : 1:1000-1:2000 Immunohistochemistry (FFPE) : 1:25
Limitations	This GLUL antibody is available for research use only.



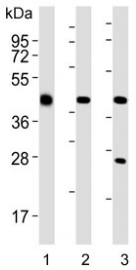
Western blot testing of 1) human HeLa, 2) human HT-29, 3) human Jurkat, 4) mouse brain, 5) mouse cerebellum and 6) rat cerebellum lysate with GLUL antibody. Predicted molecular weight ~42 kDa.



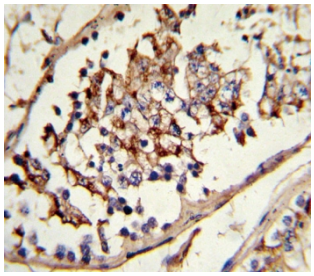
Western blot testing of human 1) HeLa, 2) Raji, 3) Jurkat and 4) HT-29 lysate with GLUL antibody. Predicted molecular weight ~42 kDa.



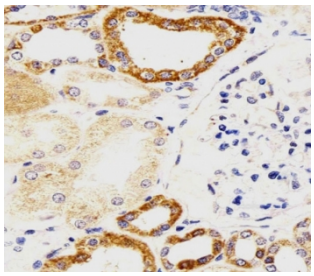
Western blot testing of human 1) HeLa, 2) Jurkat, 3) HT-29 and 4) MOLT4 lysate with GLUL antibody. Predicted molecular weight ~42 kDa.



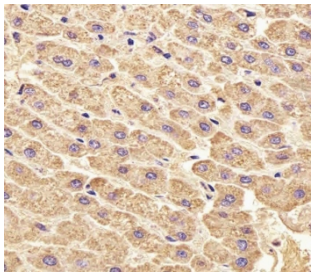
Western blot testing of 1) mouse brain, 2) human HeLa and 3) human Jurkat lysate with GLUL antibody. Predicted molecular weight ~42 kDa.



IHC testing of FFPE human testis tissue with GLUL antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human kidney tissue with GLUL antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human liver tissue with GLUL antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

GLUL belongs to the glutamine synthetase family. It catalyzes the synthesis of glutamine from glutamate and ammonia. Glutamine is a main source of energy and is involved in cell proliferation, inhibition of apoptosis, and cell signaling.

Application Notes

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

Immunogen

A portion of amino acids 70-96 from the human protein were used as the immunogen for the GLUL antibody.

Storage

Aliquot the GLUL 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