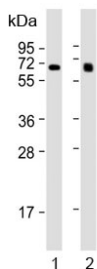


IDUA Antibody / Alpha-L-iduronidase (F54246)

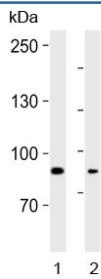
Catalog No.	Formulation	Size
F54246-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54246-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

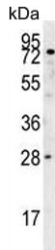
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P35475
Gene ID	3425
Localization	Cytoplasmic
Applications	Western Blot : 1:1000-1:2000 Immunohistochemistry (FFPE) : 1:50-1:100 Flow Cytometry : 1:25 (1x10 ⁶ cells)
Limitations	This IDUA antibody is available for research use only.



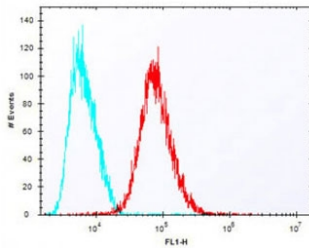
Western blot testing of human 1) liver and 2) lung lysate with IDUA antibody. Expected molecular weight: 74-85 kDa.



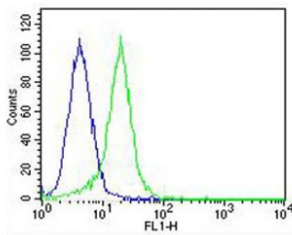
Western blot testing of 1) human A549 and 2) rat lung lysate with IDUA antibody. Expected molecular weight: 74-85 kDa.



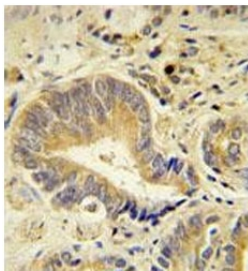
Western blot testing of human HeLa cell lysate with IDUA antibody. Expected molecular weight: 74-85 kDa.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with IDUA antibody; Blue=isotype control, Red= IDUA antibody.



Flow cytometry testing of fixed and permeabilized human HeLa cells with IDUA antibody; Blue=isotype control, Green= IDUA antibody.



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

Description

IDUA encodes an enzyme that hydrolyzes the terminal alpha-L-iduronic acid residues of two glycosaminoglycans, dermatan sulfate and heparan sulfate. This hydrolysis is required for the lysosomal degradation of these glycosaminoglycans.

Application Notes

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

Immunogen

A portion of amino acids 236-264 from the human protein were used as the immunogen for the IDUA antibody.

Storage

Aliquot the IDUA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.