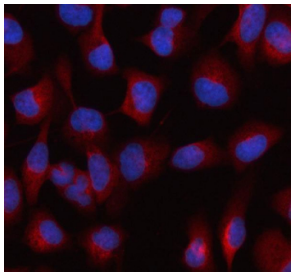
HDLBP Antibody / High density lipoprotein-binding protein / Vigilin (RQ8858)

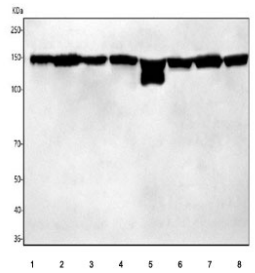
Catalog No.	Formulation	Size
RQ8858	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

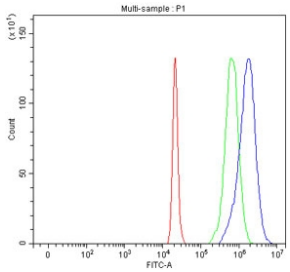
Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q00341
Localization	Cytoplasm, Nucleus
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This HDLBP antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with HDLBP antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human A549, 2) human 293T, 3) human Jurkat, 4) human HepG2, 5) rat liver, 6) rat RH35, 7) mouse liver and 8) mouse NIH 3T3 cell lysate with HDLBP antibody. Predicted molecular weight ~141 kDa.



Flow cytometry testing of fixed and permeabilized human 293T cells with HDLBP antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HDLBP antibody.

Description

Vigilin is a protein that in humans is encoded by the HDLBP gene. The protein encoded by this gene binds high density lipoprotein (HDL) and may function to regulate excess cholesterol levels in cells. The encoded protein also binds RNA and can induce heterochromatin formation.

Application Notes

Optimal dilution of the HDLBP antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids H15-A1231) was used as the immunogen for the HDLBP antibody.

Storage

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

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