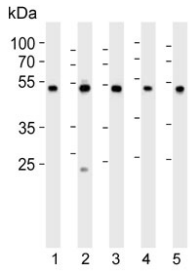
PDIA6 Antibody (F54250)

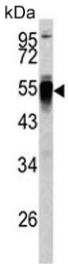
Catalog No.	Formulation	Size
F54250-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54250-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

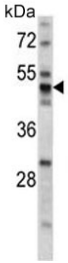
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	SAS precipitation
UniProt	Q15084
Gene ID	10130
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 Immunohistochemistry (FFPE) : 1:50-1:100 Immunofluorescence : 1:50-1:100
Limitations	This PDIA6 antibody is available for research use only.



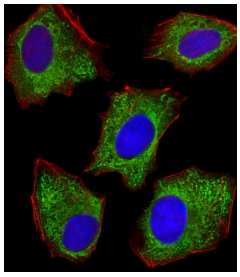
Western blot testing of 1) human K562, 2) human HepG2, 3) human HT-1080, 4) rat C6 and 5) human liver lysate with PDIA6 antibody. Predicted molecular weight ~48 kDa.



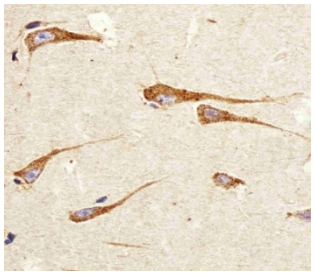
Western blot testing of human Y79 lysate with PDIA6 antibody. Predicted molecular weight ~48 kDa.



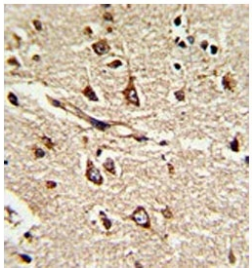
Western blot testing of mouse stomach lysate with PDIA6 antibody. Predicted molecular weight ~48 kDa.



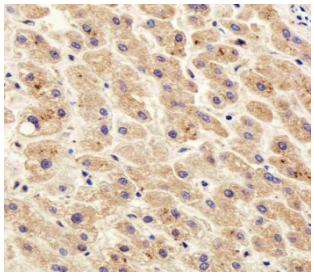
Immunofluorescent staining of fixed and permeabilized human HepG2 cells with PDIA6 antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).



IHC testing of FFPE human brain tissue with PDIA6 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human brain tissue with PDIA6 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 PDIA6 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

Protein disulfide isomerases (EC 5.3.4.1), such as PDIA6, are endoplasmic reticulum (ER) resident proteins that catalyze formation, reduction, and isomerization of disulfide bonds in proteins and are thought to play a role in folding of disulfide-bonded proteins.

Application Notes

The stated application concentrations are suggested starting points. Titration of the PDIA6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 144-172 from the human protein were used as the immunogen for the PDIA6 antibody.

Storage

Aliquot the PDIA6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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