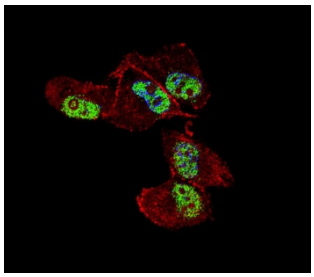
ZNF202 Antibody (F54474)

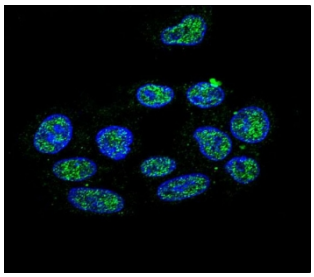
Catalog No.	Formulation	Size
F54474-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54474-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

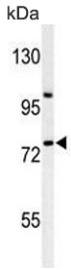
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O95125
Localization	Nuclear
Applications	Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This ZNF202 antibody is available for research use only.



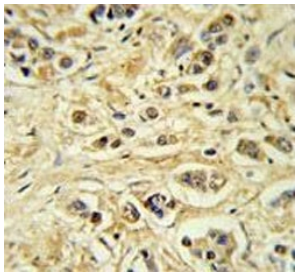
Immunofluorescent staining of fixed and permeabilized human MDA-MB-231 cells with ZNF202 antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).



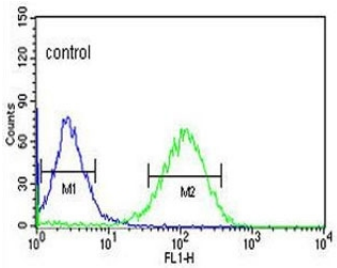
Immunofluorescent staining of human HepG2 cells with ZNF202 antibody (green) and DAPI nuclear stain (blue).



Western blot testing of human HepG2 cell lysate with ZNF202 antibody. Predicted molecular weight ~75 kDa.



IHC testing of FFPE human breast carcinoma tissue with ZNF202 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HepG2 cells with ZNF202 antibody; Blue=isotype control, Green= ZNF202 antibody.

Description

ZNF202 (Zinc finger protein 202) is a transcriptional repressor of genes affecting the vascular endothelium as well as lipid metabolism and energy homeostasis. Among its targets are structural components of lipoprotein particles (apolipoproteins AIV, CIII, and E), enzymes involved in lipid processing (lipoprotein lipase, lecithin cholesteryl ester transferase), transporters involved in lipid homeostasis (ABCA1, ABCG1), and several genes involved in processes related to energy metabolism and vascular disease.

Application Notes

The stated application concentrations are suggested starting points. Titration of the ZNF202 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 342-370 from the human protein was used as the immunogen for the ZNF202 antibody.

Storage

Aliquot the ZNF202 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.