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ZNF202 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9774C

Specification

ZNF202 Antibody (Center) - Product Information

Application	**IF, FC, IHC-P, WB,E**
Primary Accession	O95125
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**74720**
Antigen Region	**342-370**

ZNF202 Antibody (Center) - Additional Information

Gene ID 7753

Other Names
Zinc finger protein 202, Zinc finger protein with KRAB and SCAN domains 10, ZNF202, ZKSCAN10

Target/Specificity
This ZNF202 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 342-370 amino acids from the Central region of human ZNF202.

Dilution
IF~~1:10~50
FC~~1:10~50
IHC-P~~1:50~100
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ZNF202 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF202 Antibody (Center) - Protein Information

Name ZNF202

Synonyms ZKSCAN10

Function Transcriptional repressor that binds to elements found predominantly in genes that participate in lipid metabolism. 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.

Cellular Location
Nucleus.

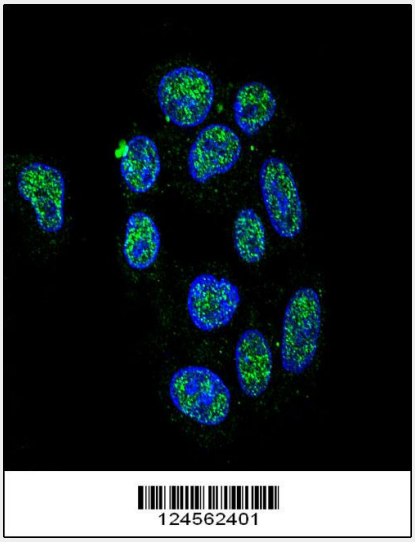
Tissue Location
Highly expressed in testis. Also expressed in breast carcinoma cell lines

ZNF202 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZNF202 Antibody (Center) - Images



Confocal immunofluorescent analysis of ZNF202 Antibody (Center) (Cat#AP9774c) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).

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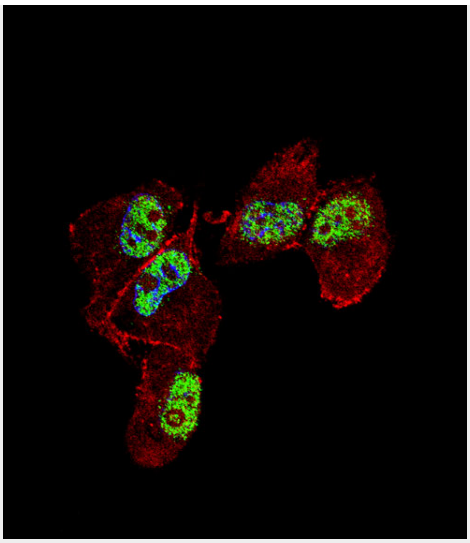
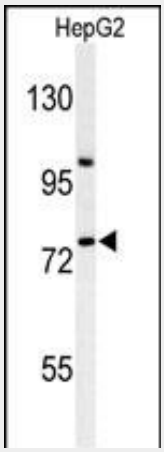
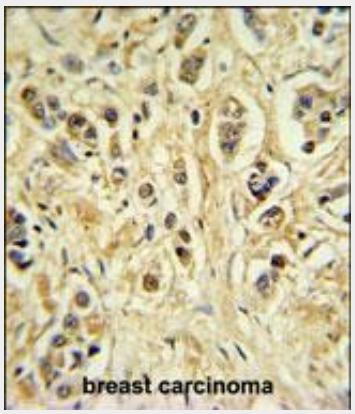


Fluorescent confocal image of MDA-MB231 cell stained with ZNF202 Antibody (Center)(Cat#AP9774c). MDA-MB231 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with ZNF202 primary antibody (1:25, 1 h at 37℃). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37℃).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37℃). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min).ZNF202 immunoreactivity is localized to nucleus significantly.



Western blot analysis of ZNF202 Antibody (Center) (Cat. #AP9774c) in HepG2 cell line lysates (35ug/lane). ZNF202 (arrow) was detected using the purified Pab.



ZNF202 Antibody (Center) (Cat. #AP9774c) IHC analysis in formalin fixed and paraffin embedded

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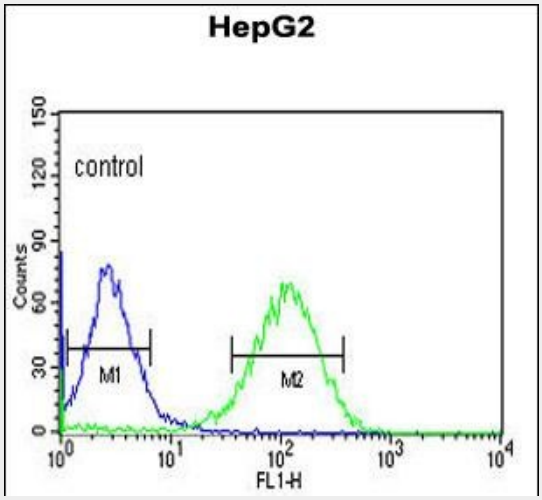
breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ZNF202 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



ZNF202 Antibody (Center) (Cat. #AP9774c) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ZNF202 Antibody (Center) - Background

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.

ZNF202 Antibody (Center) - References

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