

Rabbit anti-Human ZNF202 Polyclonal Antibody | anti-ZNF202 antibody

ZNF202 Antibody (Center)

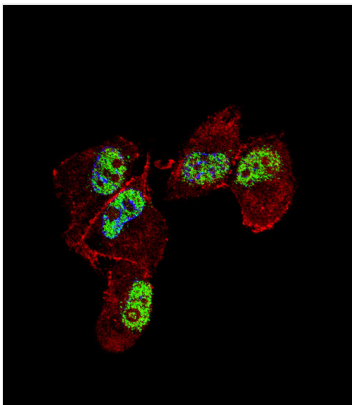
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289807	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

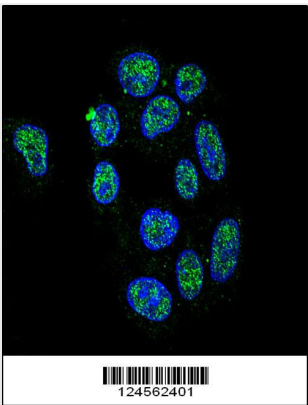
ZNF202; Polyclonal Antibody; ZNF202 Antibody (Center); Zinc finger protein 202; Zinc finger protein with KRAB and SCAN domains 10; ZKSCAN10; anti-ZNF202 antibody

PRODUCT SPECIFICATIONS

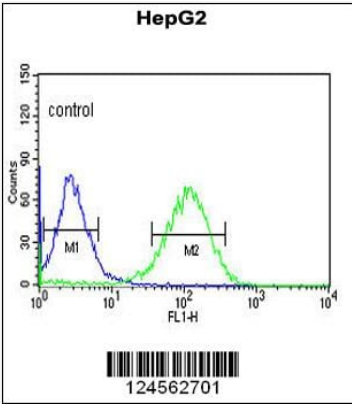
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ZNF202 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 342-370 amino acids from the Central region of human ZNF202.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	342-370
Sequence Length	424
Applicable Applications for anti-ZNF202 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



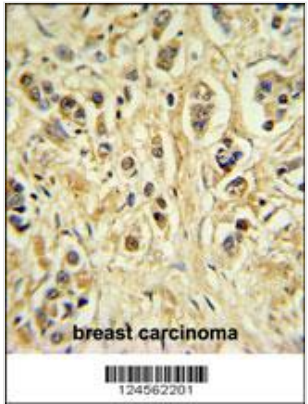
IF (Immunofluorescence)
Fluorescent confocal image of MDA-MB231 cell stained with ZNF202 Antibody (Center). MDA-MB231 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with ZNF202 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa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



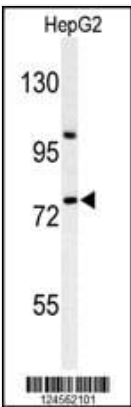
IF (Immunofluorescence)
Confocal immunofluorescent analysis of ZNF202 Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
ZNF202 Antibody (Center) 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.



IHC (Immunohistochemistry)
ZNF202 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-ZNF202 antibody	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.
References	Aberg, K., et al. Biol. Psychiatry 67(3):279-282(2010) Drenos, F., et al. Hum. Mol. Genet. 18(12):2305-2316(2009) Patterson, E.S., et al. Physiol. Genomics 34(3):277-284(2008) Stene, M.C., et al. J. Am. Coll. Cardiol. 52(5):369-377(2008) Stene, M.C., et al. J. Lipid Res. 47(5):944-952(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	56699475
NCBI GeneID	7753
NCBI Accession #	NP_003446.2
NCBI GenBank Nucleotide #	NM_003455.3
UniProt Accession #	O95125; Q4JG21; Q9H1B9; Q9NSM4; B0LPH9
Molecular Weight	74720
NCBI Official Full Name	zinc finger protein 202 isoform 1
NCBI Official Synonym Full Names	zinc finger protein 202
NCBI Official Symbol	ZNF202
NCBI Official Synonym Symbols	ZSCAN42; ZKSCAN10
NCBI Protein Information	zinc finger protein 202
UniProt Protein Name	Zinc finger protein 202
UniProt Gene Name	ZNF202
UniProt Synonym Gene Names	ZKSCAN10
UniProt Entry Name	ZN202_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.