Rabbit anti-Human GDPD2 Polyclonal Antibody | anti-GDPD2 antibody

GDPD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230171	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

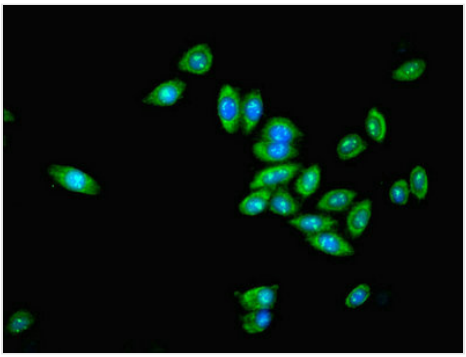
PRODUCT SYNONYMS

GDPD2; Polyclonal Antibody; GDPD2 Antibody; Glycerophosphoinositol inositolphosphodiesterase GDPD2 (EC:3.1.4.43); GDE3; OBDPF; UNQ1935/PRO4418; Glycerophosphodiester phosphodiesterase 3; Glycerophosphodiester phosphodiesterase domain-containing protein 2; Osteoblast differentiation promoting factor; anti-GDPD2 antibody

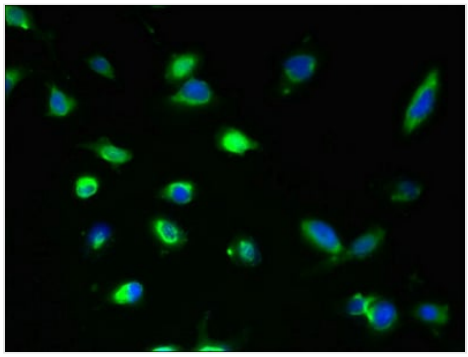
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	460
Applicable Applications for anti-GDPD2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Glycerophosphoinositol inositolphosphodiesterase GDPD2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-161635 / sc-161636
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

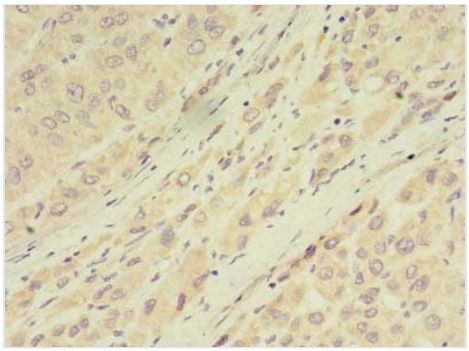
IMAGES



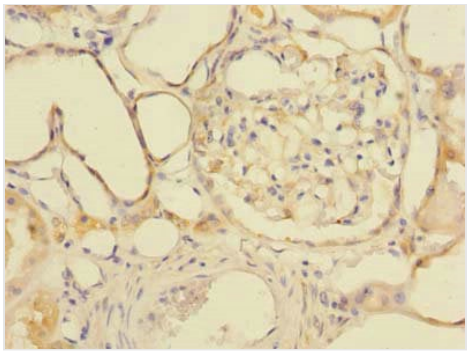
IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells cells using AAA230171 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L



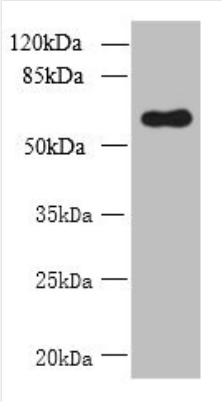
IF (Immunofluorescence)
Immunofluorescent analysis of U251 cells using AAA230171 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA230171 at dilution of 1:100



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA230171 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: GDPD2 antibody at 1.5ug/ml+ A431 whole cell lysateGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 62,53,67 kDaObserved band size: 62 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GDPD2 antibody	Has glycerophosphoinositol inositolphosphodiesterase activity and specifically hydrolyzes glycerophosphoinositol, with no activity for other substrates such as glycerophosphoinositol 4-phosphate, glycerophosphocholine, glycerophosphoethanolamine, and glycerophosphoserine. Accelerates the program of osteoblast differentiation and growth. May play a role in remodeling of the actin cytoskeleton (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	284055240
NCBI GeneID	54857
NCBI Accession #	NP_001164662.1
NCBI GenBank Nucleotide #	NM_001171191.1
UniProt Accession #	Q9HCC8; Q9NXJ6; B4DRH4; B4DVC9
Molecular Weight	66,991 Da
NCBI Official Full Name	glycerophosphoinositol inositolphosphodiesterase GDPD2 isoform 3
NCBI Official Synonym Full Names	glycerophosphodiester phosphodiesterase domain containing 2
NCBI Official Symbol	GDPD2
NCBI Official Synonym Symbols	GDE3; OBDPF
NCBI Protein Information	glycerophosphoinositol inositolphosphodiesterase GDPD2
UniProt Protein Name	Glycerophosphoinositol inositolphosphodiesterase GDPD2

UniProt Gene Name	**GDPD2**
UniProt Synonym Gene Names	GDE3; OBDPF
UniProt Entry Name	GDPD2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/gdpd2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230171