

Rabbit anti-Human, Mouse PHKG2 Polyclonal Antibody | anti-PHKG2 antibody

PHKG2 Antibody

CATALOG # AAA231368	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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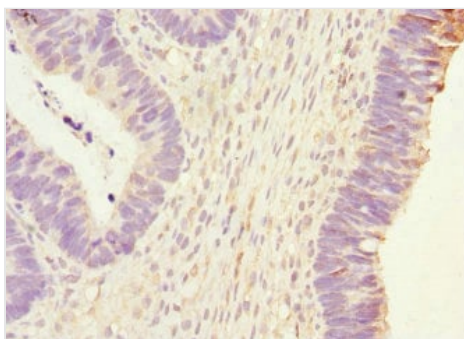
PRODUCT SYNONYMS

PHKG2; Polyclonal Antibody; PHKG2 Antibody; Phosphorylase b kinase gamma catalytic chain; liver/testis isoform; PHK-gamma-LT; PHK-gamma-T; PSK-C3; Phosphorylase kinase subunit gamma-2; anti-PHKG2 antibody

PRODUCT SPECIFICATIONS

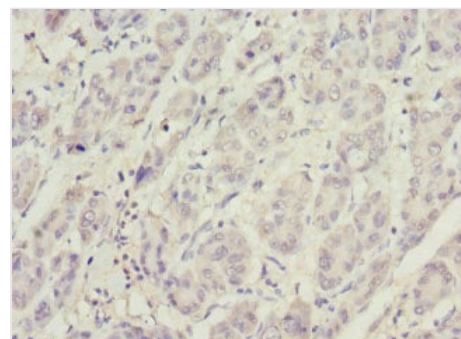
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	406
Applicable Applications for anti-PHKG2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Phosphorylase b kinase gamma catalytic chain, liver/testis isoform protein (C-170AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54295 / sc-54296
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



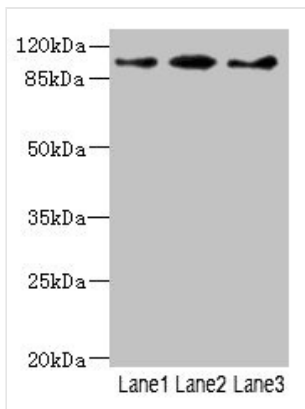
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA231368 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA231368 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: PHKG2 antibody at 3.4ug/mlLane 1: MCF7 whole cell lysateLane 2: Jurkat whole cell lysateLane 3: Mouse gonadal tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 47,44 kDaObserved band size: 46 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PHKG2 antibody	Catalytic subunit of the phosphorylase b kinase (PHK), which mediates the neural and hormonal regulation of glycogen breakdown (glycogenolysis) by phosphorylating and thereby activating glycogen phosphorylase. May regulate glycogeneolysis in the testis. In vitro, phosphorylates PYGM (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505785
NCBI GeneID	5261
NCBI Accession #	NP_000285.1
NCBI GenBank Nucleotide #	NM_000294.2
UniProt Accession #	P15735; P11800; A8K0C7; B4DEB7; E9PEU3
Molecular Weight	43,158 Da
NCBI Official Full Name	phosphorylase b kinase gamma catalytic chain, liver/testis isoform isoform 1
NCBI Official Synonym Full Names	phosphorylase kinase catalytic subunit gamma 2
NCBI Official Symbol	PHKG2
NCBI Official Synonym Symbols	GSD9C
NCBI Protein Information	phosphorylase b kinase gamma catalytic chain, liver/testis isoform
UniProt Protein Name	Phosphorylase b kinase gamma catalytic chain, liver/testis isoform
UniProt Gene Name	PHKG2
UniProt Synonym Gene Names	PHK-gamma-LT; PHK-gamma-T
UniProt Entry Name	PHKG2_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.