

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

SHPK Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176334	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

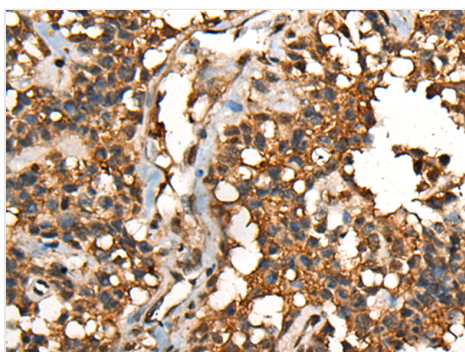
PRODUCT SYNONYMS

SHPK; Polyclonal Antibody; SHPK Polyclonal Antibody; Carbohydrate kinase like; Carbohydrate kinase like protein; Carbohydrate kinase-like protein; CARKL; Sedoheptulokinase; SHK; Shpk; anti-SHPK antibody

PRODUCT SPECIFICATIONS

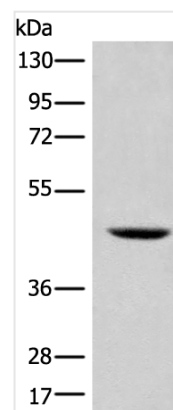
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.1mg/mL (varies by lot)
Sequence Length	478
Applicable Applications for anti-SHPK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human SHPK
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using SHPK Polyclonal Antibody at dilution of 1:45(×200)



WB (Western Blot)

Western blot analysis of 293T cell lysate using SHPK Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-SHPK antibody	The protein encoded by this gene has weak homology to several carbohydrate kinases, a class of proteins involved in the phosphorylation of sugars as they enter a cell, inhibiting return across the cell membrane. Sequence variation between this novel gene and known carbohydrate kinases suggests the possibility of a different substrate, cofactor or changes in kinetic properties distinguishing it from other carbohydrate kinases. The gene resides in a region commonly deleted in cystinosis patients, suggesting a role as a modifier for the cystinosis phenotype. The genomic region is also rich in Alu repetitive sequences, frequently involved in chromosomal rearrangements.
Product Categories/Family for anti-SHPK antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	74315356
NCBI GeneID	23729
NCBI Accession #	NP_037408.2; BC020543
NCBI GenBank Nucleotide #	NP_037408.2
UniProt Accession #	Q9UHH6
Molecular Weight	51 kDa
NCBI Official Full Name	sedoheptulokinase
NCBI Official Synonym Full Names	sedoheptulokinase
NCBI Official Symbol	SHPK
NCBI Official Synonym Symbols	SHK; CARKL
NCBI Protein Information	sedoheptulokinase
UniProt Protein Name	Sedoheptulokinase
UniProt Gene Name	SHPK
UniProt Synonym Gene Names	CARKL; SHK
UniProt Entry Name	SHPK_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/shpk-antibody-immunohistochemistry-western-blot-elisa/176334>