

Rabbit anti-Human, Rat Glucose 6 Phosphate Isomerase Polyclonal Antibody | anti-GPI antibody

Polyclonal Antibody to Glucose 6 Phosphate Isomerase (GPI)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143084	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Glucose 6 Phosphate Isomerase; Polyclonal Antibody; Polyclonal Antibody to Glucose 6 Phosphate Isomerase (GPI); anti-GPI antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GPI. It has been selected for its ability to recognize GPI in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-TKSGARVD YQTGPIVWGE PGTNGQHAFY QLIHQGTKMI PCDFLIPVQT QHPIRNLHH KILLANFLAQ TEALMKGKSP EEARKELQAA GKSPEELEKL LPHKVFEGNR PTNSIVFTKL TPFILGALIA MYEHKIFVQG IWDINSFDQ WGVELGKQLA KKIEPELDGS SAVTSKDSST NGLIGFIKLQ RDTKID
Sequence Length	558
Applicable Applications for anti-GPI antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GPI (Thr335~Asp558)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Human, Rat
Conjugate	No Conjugate
Immunogen	Recombinant GPI (Thr335~Asp558) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Stomach Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Spleen tissue



WB (Western Blot)
Western Blot: Sample: Human PC3 cell lysate; Primary Ab: 3ug/ml Rabbit Anti-Rat GPI Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	254553458
NCBI GeneID	14751
NCBI Accession #	NP_032181.2
NCBI GenBank Nucleotide #	NM_008155.4
UniProt Accession #	P06745; O89062; Q3TEE7; Q3TW50; Q3UUX1; Q3UY84; Q3UZJ1; Q5RJI3; Q8C675; Q9JM07
Molecular Weight	62,767 Da
NCBI Official Full Name	glucose-6-phosphate isomerase
NCBI Official Synonym Full Names	glucose phosphate isomerase 1
NCBI Official Symbol	Gpi1
NCBI Official Synonym Symbols	MF; NK; Amf; Gpi; Nlk; Org; Pgi; Phi; Gpi-1; Gpi1s; Gpi-1r; Gpi-1s; Gpi-1t; Gpi1-r; Gpi1-s; Gpi1-t; NK/GPI
NCBI Protein Information	glucose-6-phosphate isomerase
UniProt Protein Name	Glucose-6-phosphate isomerase
UniProt Gene Name	Gpi
UniProt Synonym Gene Names	Gpi1; GPI; AMF; NLK; PGI; PHI

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.