

Rabbit anti-Human H6PD Polyclonal Antibody | anti-H6PD antibody

Rabbit anti-H6PD Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220748	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

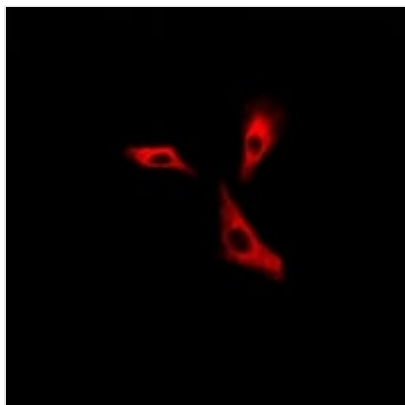
PRODUCT SYNONYMS

H6PD; Polyclonal Antibody; Rabbit anti-H6PD Antibody; GDH; GDH/6PGL endoplasmic bifunctional protein; anti-H6PD antibody

PRODUCT SPECIFICATIONS

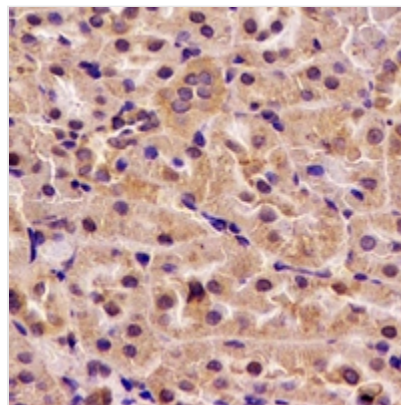
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-H6PD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human H6PD
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



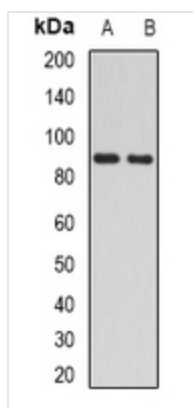
IF (Immunofluorescence)

Immunofluorescent analysis of H6PD staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of H6PD staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of H6PD expression in mouse liver (A), mouse kidney (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-H6PD antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	52145310
NCBI GeneID	9563
NCBI Accession #	NP_004276
NCBI GenBank Nucleotide #	NM_004285
UniProt Accession #	O95479; Q4TT33; Q66I35; Q68DT3
Molecular Weight	88,893 Da
NCBI Official Full Name	GDH/6PGL endoplasmic bifunctional protein isoform 2
NCBI Official Synonym Full Names	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)
NCBI Official Symbol	H6PD
NCBI Official Synonym Symbols	GDH; G6PDH; CORTRD1
NCBI Protein Information	GDH/6PGL endoplasmic bifunctional protein; 6-phosphogluconolactonase; G6PD, H form; glucose 1-dehydrogenase; glucose dehydrogenase; glucose dehydrogenase; glucose-6-phosphate dehydrogenase, salivary
UniProt Protein Name	GDH/6PGL endoplasmic bifunctional protein
UniProt Gene Name	H6PD
UniProt Synonym Gene Names	GDH; 6PGL
UniProt Entry Name	G6PE_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/h6pd-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/220748>