

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

H6PD Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285806	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

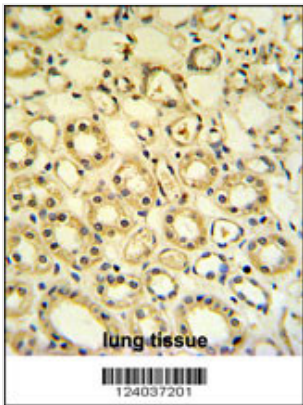
PRODUCT SYNONYMS

H6PD; Polyclonal Antibody; H6PD Antibody (C-term); GDH/6PGL endoplasmic bifunctional protein; Glucose 1-dehydrogenase; Hexose-6-phosphate dehydrogenase; 6-phosphogluconolactonase; 6PGL; GDH; anti-H6PD antibody

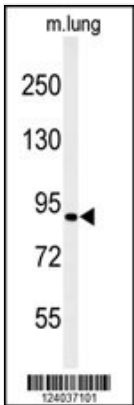
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This H6PD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 743-769 amino acids from the C-terminal region of human H6PD.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	743-769
Sequence Length	791
Applicable Applications for anti-H6PD antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
H6PD Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the H6PD Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of H6PD Antibody (C-term) in mouse lung tissue lysates (35ug/lane).H6PD (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-H6PD antibody	H6PD is 2 forms of glucose-6-phosphate dehydrogenase. G form is X-linked and H form, encoded by this gene, is autosomally linked. This H form shows activity with other hexose-6-phosphates, especially galactose-6-phosphate, whereas the G form is specific for glucose-6-phosphate. Both forms are present in most tissues, but H form is not found in red cells.
Product Categories/Family for anti-H6PD antibody	Metabolism; Neuroscience; Signal Transduction
References	Balazs, Z., et al. Mol. Cell. Endocrinol. 301 (1-2), 117-122 (2009) Zhang, Y.L., et al. Arch. Biochem. Biophys. 483(1):45-54(2009) Uckaya, G., et al. Diabetes Res. Clin. Pract. 82 SUPPL 2, S135-S140 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	52145310
NCBI GeneID	9563
NCBI Accession #	NP_004276.2
NCBI GenBank Nucleotide #	NM_004285.3
UniProt Accession #	O95479; Q4TT33; Q66I35; Q68DT3
Molecular Weight	88893
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
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-immunohistochemistry-western-blot-elisa/285806>