H6PD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	H6PD, Polyclonal Antibody
Full Product Name	H6PD (GDH, GDH/6PGL Endoplasmic Bifunctional Protein, Glucose 1-dehydrogenase, Hexose-6-phosphate Dehydrogenase, 6-phosphogluconolactor
Product Gene Name	anti-H6PD antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rabbit
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human H6PD.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human H6PD, aa1-791 (AAH81559.1).
Immunogen Sequence	MWNMLIVAMCLALLGCLQAQELQGHVSIILLGATGDLAKKYLWQGLFQLYLDEAGRGHSFSFHGAALTAPKQGQELMAKALESLSCPKDMAPSHCAEHK
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-H6PD antibody	Antibodies; Enzymes; Dehydrogenase
Applications Tested/Suitable for anti-H6PD antibody	Western Blot (WB)
Application Notes for anti-H6PD antibody	Applications are based on unconjugated antibody.
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 show
Other Notes	Small volumes of anti-H6PD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for H6PD purchase	MBS6380698 is an antibody targeting H6PD. Also known as H6PD (GDH, GDH/6PGL Endoplasmic Bifunctional Protein, Glucose 1-dehydrogenase, H

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for H6PD. It may not necessarily be applicable to this product.

NCBI GI #	51859373
NCBI GeneID	9563
NCBI Accession #	BC081559.1
UniProt Related Accession #	O95479
NCBI Official Full Name	Homo sapiens hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase), mRNA
NCBI Official Synonym Full Names	hexose-6-phosphate dehydrogenase/glucose 1-dehydrogenase
NCBI Official Symbol	H6PD
NCBI Official Synonym Symbols	GDH; G6PDH; H6PDH; CORTRD1
Protein Family	GDH/6PGL endoplasmic bifunctional protein
NCBI Protein Information	GDH/6PGL endoplasmic bifunctional protein
NCBI Summary for H6PD	There are 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. [provided by RefSeq, Jul 2008]
Research Articles on H6PD	**1.** Knockdown of H6PD resulted in an increase in ER lumen oxidation, and down-regulation of many components of the unfolded protein response, including the transcription factors activating transcription factor-4, activating transcription factor-6, split X-box binding protein-1, and CCAAT/enhancer binding protein homologous protein.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-rabbit-antibody/h6pd/6380698