

XDH recombinant antibody

XDH Antibody

CATALOG # AAA243949	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

XDH; Monoclonal Recombinant Antibody; XDH Antibody; Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (XD) (EC 1.17.1.4); Xanthine oxidase (XO) (EC 1.17.3.2) (Xanthine oxidoreductase) (XOR)]; XDHA; XDH recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	8A9
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for XDH recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human Xanthine Oxidase
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysateAll lanes: Xanthine Oxidase antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 147 kDaObserved band size: 147 kDa

ADDITIONAL INFORMATION

Related Product Information for XDH recombinant antibody	Key enzyme in purine degradation. Catalyzes the oxidation of hypoxanthine to xanthine. Catalyzes the oxidation of xanthine to uric acid. Contributes to the generation of reactive oxygen species. Has also low oxidase activity towards aldehydes (in vitro).
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Product Categories/Family for XDH recombinant antibody	Cancer; Metabolism; Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	91823271
NCBI GeneID	7498
NCBI Accession #	NP_000370.2
NCBI GenBank Nucleotide #	NM_000379.3
UniProt Accession #	P47989; Q16681; Q16712; Q4PJ16
Molecular Weight	146,424 Da
NCBI Official Full Name	xanthine dehydrogenase/oxidase
NCBI Official Synonym Full Names	xanthine dehydrogenase
NCBI Official Symbol	XDH
NCBI Official Synonym Symbols	XO; XOR
NCBI Protein Information	xanthine dehydrogenase/oxidase; xanthine oxidoreductase
UniProt Protein Name	Xanthine dehydrogenase/oxidase
UniProt Gene Name	XDH
UniProt Synonym Gene Names	XDHA; XD; XO; XOR
UniProt Entry Name	XDH_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/xdh-recombinant-antibody-clone-8a9-immunohistochemistry-western-blot-elisa/243949>