

Rabbit Xanthine Dehydrogenase Polyclonal Antibody | anti-XDH antibody

Xanthine Dehydrogenase (XDH) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144864	Rabbit	Human, Mouse, Rat, Pig, Bovine	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Xanthine Dehydrogenase; Polyclonal Antibody; Xanthine Dehydrogenase (XDH) Polyclonal Antibody; XO; XOR; XOD; Xanthine Oxidase; NAD+-Xanthine Dehydrogenase; Xanthine-NAD+ Oxidoreductase; Xanthine/NAD+ Oxidoreductase; Xanthine Oxidoreductase; anti-XDH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig, Bovine
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against XDH. It has been selected for its ability to recognize XDH in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	1347
Applicable Applications for anti-XDH antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Pig, Bovine
Organism Species	Human
Fragment	XDH (Met1~Gly300)
Quality Control	Content: The quality control contains recombinant XDH (Met1~Gly300) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
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 (Immunohistochemisry)
DAB staining on IHC-P. Samples: Human Tissue



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



WB (Western Blot)
Western Blot: Sample: Bovine Milk; Primary Ab: 5ug/ml Rabbit Anti-Human XDH Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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; XAN1
NCBI Protein Information	xanthine dehydrogenase/oxidase
UniProt Protein Name	Xanthine dehydrogenase/oxidase
UniProt Gene Name	XDH
UniProt Synonym Gene Names	XDHA; XO; XOR

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/xanthine-dehydrogenase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144864>