antibodies .- online.com







anti-XDH antibody





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Quantity:	200 μL
Target:	XDH
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XDH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human XDH (NP_000370.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	XDH
Alternative Name:	XDH (XDH Products)
Background:	Xanthine dehydrogenase belongs to the group of molybdenum-containing hydroxylases involved in the oxidative metabolism of purines. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Xanthine dehydrogenase can be converted to xanthine oxidase by reversible sulfhydryl oxidation or by

Target Details

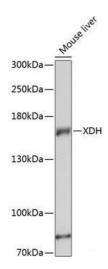
	irreversible proteolytic modification. Defects in xanthine dehydrogenase cause xanthinuria, may contribute to adult respiratory stress syndrome, and may potentiate influenza infection through an oxygen metabolite-dependent mechanism.
Molecular Weight:	Observed_MW: 146 kDa Calculated_MW: 146 kDa
Gene ID:	7498
UniProt:	P47989
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse liver using XDH Polyclonal Antibody at dilution of 1:3000.