

# Xanthine Oxidase Rabbit mAb

Catalog # AP78052

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">P47989</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human Xanthine Oxidase
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	146424

## Additional Information

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<b>Gene ID</b>	7498
<b>Other Names</b>	XDH
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

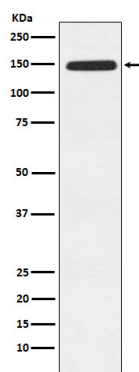
## Protein Information

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<b>Name</b>	XDH
<b>Synonyms</b>	XDHA
<b>Function</b>	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).
<b>Cellular Location</b>	Cytoplasm. Peroxisome. Secreted
<b>Tissue Location</b>	Detected in milk (at protein level). {ECO:0000269   Ref.12}

## Images

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