

**Product Name: Xanthine Oxidase Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02776**



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## Summary

<b>Production Name</b>	Xanthine Oxidase Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	XDH
<b>Alternative Names</b>	Xanthine dehydrogenase; Xanthine oxidase; Xanthine oxidoreductase; XD; XDH; xdha; XO; xor
<b>Gene ID</b>	7498
<b>SwissProt ID</b>	P47989

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 146 kDa; Observed MW: 146 kDa

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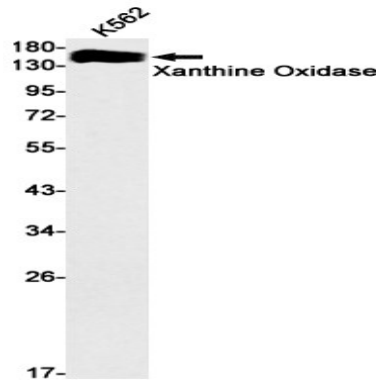
## Background

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).

## Research Area

Signal Transduction

## Image Data



Western blot analysis of Xanthine Oxidase in K562 lysates using Xanthine Oxidase antibody.

## Note

For research use only.