

**Xanthine Oxidase Antibody**  
**Rabbit mAb**  
**Catalog # AP91900****Specification**

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**Xanthine Oxidase Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P47989</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
Xanthine dehydrogenase; Xanthine oxidase; Xanthine oxidoreductase; XD; XDH; xdha; XO; xor;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	146424 Da

**Xanthine Oxidase Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Xanthine Oxidase
Description	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).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Xanthine Oxidase Antibody - Protein Information****Name** XDH**Synonyms** XDHA**Function**

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**Cellular Location**



Cytoplasm. Peroxisome. Secreted

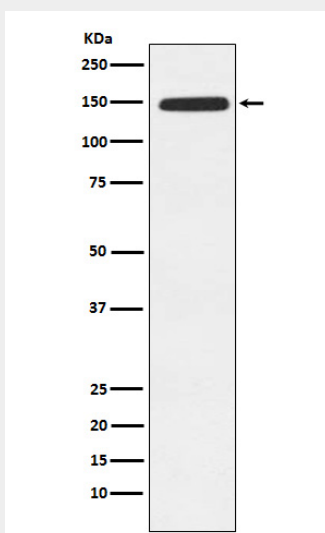
**Tissue Location**

Detected in milk (at protein level). {ECO:0000269|Ref.12}

**Xanthine Oxidase Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Xanthine Oxidase Antibody - Images**

Western blot analysis of Xanthine Oxidase expression in 293T cell lysate.