

Xanthine Oxidase Rabbit mAb
Catalog # AP78052**Specification**

Xanthine Oxidase Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	P47989
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Xanthine Oxidase
Purification	Affinity Chromatography
Calculated MW	Calculated MW: 146 kDa; Observed MW: 146 kDa

Xanthine Oxidase Rabbit mAb - Additional Information**Gene ID** 7498**Other Names**
XDH**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Xanthine Oxidase Rabbit mAb - Protein Information****Name** XDH**Synonyms** XDHA**Function**
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).**Cellular Location**

Cytoplasm. Peroxisome. Secreted

Tissue Location

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

Xanthine Oxidase Rabbit mAb - 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 Rabbit mAb - Images