

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

Xanthine Oxidase Antibody - Product Information

| | |
|--|------------------------|
| Application | WB, IHC |
| Primary Accession | P47989 |
| Reactivity | Rat |
| Clonality | Monoclonal |
| Other Names | |
| 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**

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

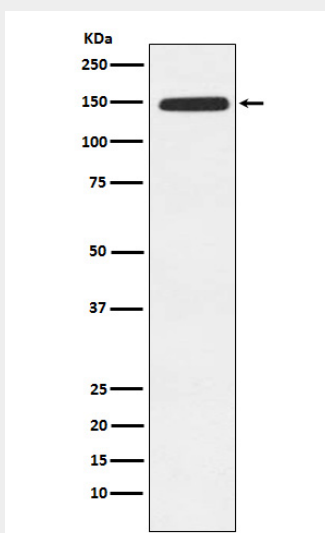
Tissue Location

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

Xanthine Oxidase 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.