Xanthine Oxidase (XDH) Rabbit PolymAb®

Catalog No.: A22647PM



Basic Information

Observed MW 150kDa

Calculated MW 146kDa

Category Primary antibody

Applications WB,IHC-P,ELISA

Cross-Reactivity Human, Mouse, Rat

Background

Xanthine dehydrogenase belongs to the group of molybdenum-containing hydroxylases involved in the oxidative metabolism of purines. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Xanthine dehydrogenase can be converted to xanthine oxidase by reversible sulfhydryl oxidation or by irreversible proteolytic modification. Defects in xanthine dehydrogenase cause xanthinuria, may contribute to adult respiratory stress syndrome, and may potentiate influenza infection through an oxygen metabolite-dependent mechanism.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID 7498 Swiss Prot P47989

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1000-1100 of human Xanthine Oxidase (XDH). (NP_000370.2).

Synonyms XO; XOR; XAN1

Contact

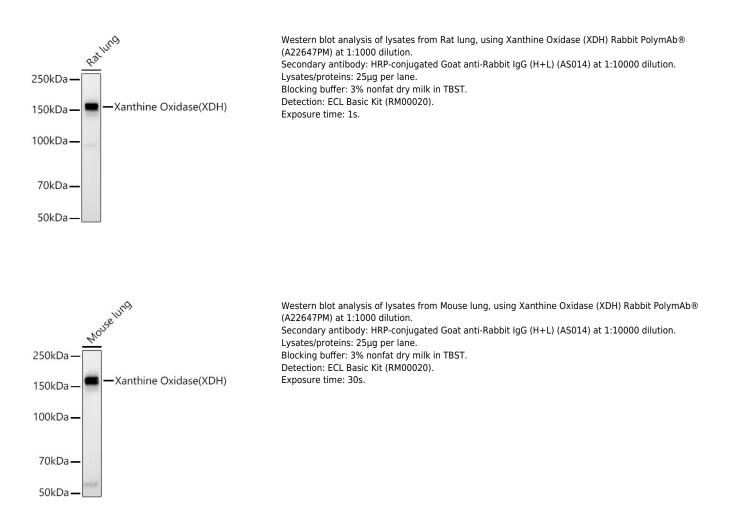
6	400-999-6126
\times	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

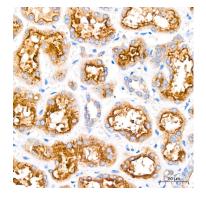
Product Information

Source Rabbit **lsotype** IgG Purification Affinity purification

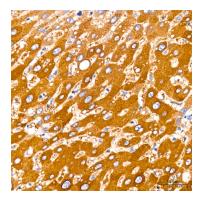
Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

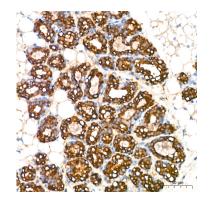




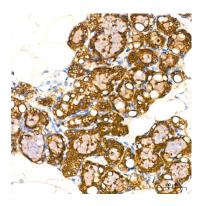
Immunohistochemistry analysis of paraffinembedded Human kidney tissue using Xanthine Oxidase (XDH) Rabbit PolymAb® (A22647PM) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver tissue using Xanthine Oxidase (XDH) Rabbit PolymAb® (A22647PM) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse breast tissue using Xanthine Oxidase (XDH) Rabbit PolymAb® (A22647PM) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat breast tissue using Xanthine Oxidase (XDH) Rabbit

PolymAb® (A22647PM) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.