

Anti-Xanthine Oxidase A Rabbit pAb



WL01013

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Xanthine Oxidase Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:500
	IF	1:100-1:500

Cellular localization Cytoplasm. Peroxisome. Secreted.

Pack size 50/100/200/500/1000μl

Storage Store at -20°C. **Avoid freeze/thaw cycles.**

Storage buffer Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

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.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Xanthine Oxidase.

Purification Polyclonal antibody was purified by Protein A affinity chromatography.

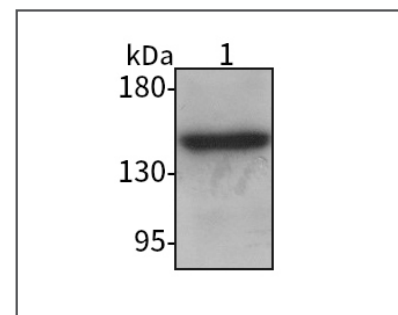
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Product Images



Western blot-Anti-Xanthine Oxidase pAb

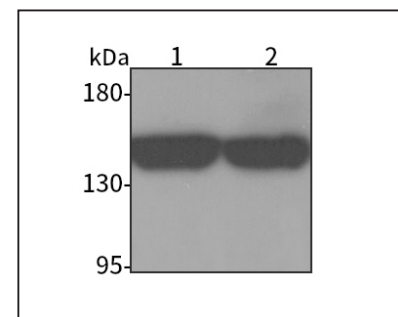
Lane 1: Human HEK-293 cell lysate

All lanes: Anti-Xanthine Oxidase at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 146 kDa

Observed band size: 146 kDa



Western blot-Anti-Xanthine Oxidase pAb

Lane 1: Mouse liver tissue lysate

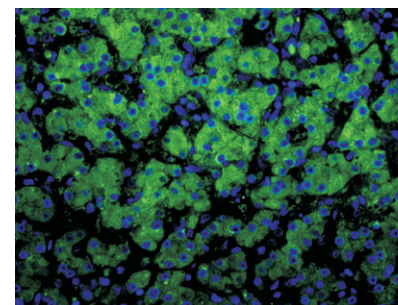
Lane 2: Rat liver tissue lysate

All lanes: Anti-Xanthine Oxidase at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 146 kDa

Observed band size: 146 kDa



Immunofluorescence-Anti-Xanthine Oxidase pAb

Immunofluorescence analysis of paraffin-embedded human liver cancer using anti-Xanthine Oxidase Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0