

## Anti-Xanthine Oxidase A Rabbit pAb



WL01013

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

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

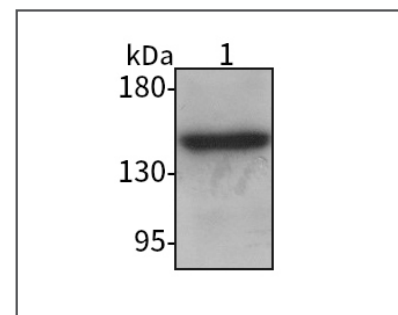
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## Product Images



## Western blot-Anti-Xanthine Oxidase pAb

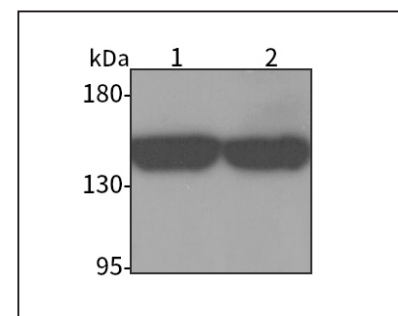
Lane 1: Human HEK-293 cell lysate

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