

XDH Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15568
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase
Synonyms	Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase ;XD;EC 1.17.1.4; Xanthine oxidase ;XO;EC 1.17.3.2;Xanthine oxidoreductase;XOR]

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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