




Product datasheet

Anti-MIOX antibody ab235088

2 Images

Overview

Product name	Anti-MIOX antibody
Description	Rabbit polyclonal to MIOX
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse Predicted to work with: Rat, Human, Orangutan 
Immunogen	Recombinant full length protein corresponding to Human MIOX aa 1-285. Sequence: MKVTVGPDPSLVYRPDVDPEVAKDKASFRNYTSGPLL DRVFTTYKLMHTH QTVDFVRSKHAQFGGFSYKKMTVMEAVDLLDGLVDE SDPDVDFPNSFHAF QTAEGIRKAHPDKDWFHLVGLLHDLGKVLALFGEPQW AVVGDTFPVGCRP QASVVFCDSTFQDNPDLDQPRYSELGMYQPHCGLD RVLMSWGHDEYMYQ VMKFNKFSLPPEAFYMIRFHSFYFWHTGRDYQQLCSQ QDLAMLPPWREFN KFDLYTKCPDLPDVKLRPYYQGLIDKYCPGILSW Database link: Q9UGB7  Run BLAST with  Run BLAST with
Positive control	WB: Mouse kidney lysate. IP: Mouse kidney lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.03% Proclin Constituents: 50% Glycerol, PBS

Purity	Protein G purified
Purification notes	Purity >95%
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab235088** in the following tested applications.

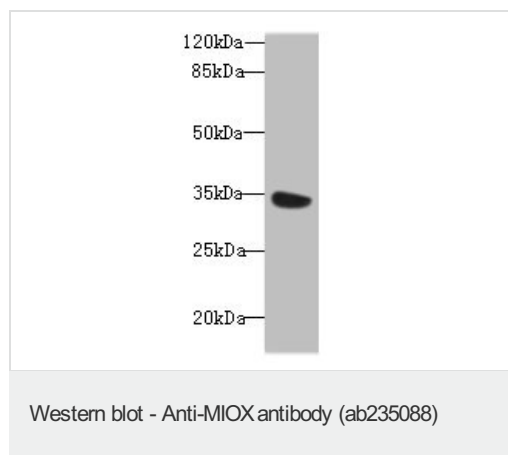
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 33 kDa.
IP		1/200 - 1/2000.

Target

Tissue specificity	Kidney specific.
Pathway	Polyol metabolism; myo-inositol degradation into D-glucuronate; D-glucuronate from myo-inositol: step 1/1.
Sequence similarities	Belongs to the myo-inositol oxygenase family.
Cellular localization	Cytoplasm.

Images

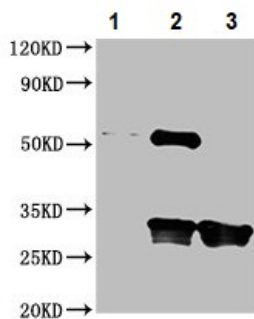


Anti-MIOX antibody (ab235088) at 1/1000 dilution + Mouse kidney lysate

Secondary

Goat polyclonal to rabbit at 1/10000 dilution

Predicted band size: 33 kDa



Immunoprecipitation - Anti-MIOX antibody
(ab235088)

MIOX was immunoprecipitated from 500 µg mouse kidney lysate with [ab222887](#) at 1/200 dilution.

Lane 1: Rabbit control IgG IP in mouse kidney lysate.

Lane 2: ab235088 IP in mouse kidney lysate.

Lane 3: Mouse kidney lysate 10 µg (Input).

For western blotting, an HRP-conjugated Protein G antibody was used as the secondary antibody at 1/2000 dilution.

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