

兔抗 MIOX 多克隆抗体

中文名称：兔抗 MIOX 多克隆抗体

英文名称：Anti-MIOX rabbit polyclonal antibody

别名：ALDRL6

相关类别：一抗

抗原：MIOX

储存：冷冻（-20℃）

宿主：Rabbit

反应种属：Human

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:	Myo-inositol oxygenase (MIOX), also known as ALDRL6, is a renal-specific member of the Aldo-keto reductase family. It catalyzes the first committed step in the Myo-inositol metabolism pathway and is widely distributed in mammalian tissues. Human Myo-inositol oxygenase shares 91% and 96% sequence homology with mouse and pig Myo-inositol oxygenase homologs, respectively. Myo-inositol oxygenase is responsible for the oxidative cleavage of Myo-inositol (MI) and its epimer D-chiro inositol (DCI) to D-glucuronate. The dioxygen-dependent cleavage of the C1-C6 bond in Myo-inositol is accomplished through the utilization of the Fe(II)/Fe(III) binuclear iron center of MIOX. Myo-inositol oxygenase has also been implicated in complications of diabetes, including diabetic nephropathy.
Applications:	ELISA, IHC

Name of antibody:	MIOX
Immunogen:	Full length fusion protein
Full name:	myo-inositol oxygenase
Synonyms :	ALDRL6
SwissProt:	Q9UGB7
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human brain and Human thyroid cancer
IHC Recommend dilution:	20-100

