

Nur für Forschungszwecke

# EPHX2 Monoklonaler Antikörper

Katalog-Nr.: 67322-1-Ig

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67322-1-Ig	<b>GenBank-Zugangsnummer:</b> BC013874	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul, Konzentration: 2100 µg/ml von 2053 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> epoxide hydrolase 2, cytoplasmic	<b>CloneNo.:</b> 4H6C8
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> epoxide hydrolase 2, cytoplasmic	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:10000
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 63 kDa	
<b>Immunogen Katalognummer:</b> AG4870	<b>Beobachtete Masse:</b> 56-63 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: LNCaP-Zellen, A549-Zellen, Hausschwein-Lebergewebe, Jurkat-Zellen
<b>Getestete Reaktivität:</b> Hausschwein, Human	

## Hintergrundinformationen

EPHX2 (Epoxide hydrolase 2) acts on epoxides (alkene oxides, oxiranes) and arene oxides and plays a role in xenobiotic metabolism by degrading potentially toxic epoxides. A number of single nucleotide polymorphisms (SNPs) in human EPHX2 have been linked to cardiovascular disease risk, including increased risk of coronary heart disease, hyperlipoproteinemia, and type-2 diabetes (PMID: 14732757, 16595607, 14673705, 15845398, 17460077). It was observed in many tissues with the band of 63 kDa in the western blot. It has also been reported that the N-terminal domain might promote dimerization of EPHX2 (PMID:21553642).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern.  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

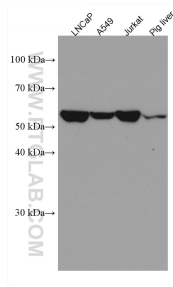
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

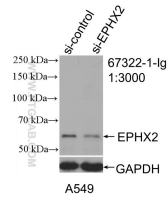
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67322-1-Ig (EPHX2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of EPHX2 antibody (67322-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EPHX2 transfected A549 cells.