

IL-1 β Polyclonal Antibody

Catalog No: #41059

Package Size: #41059-1 50ul #41059-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	IL-1 β Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC ELISA IF(paraffin section)
Species Reactivity	Human;Mouse;Rat
Specificity	IL-1 β Polyclonal Antibody detects endogenous levels of IL-1 β protein.
Immunogen Description	Synthesized peptide derived from the Internal region of human IL-1 β .
Conjugates	Unconjugated
Target Name	IL-1 β
Other Names	IL1B; IL1F2; Interleukin-1 beta; IL-1 beta; Catabolin
Accession No.	Swiss-Prot: P01584NCBI Gene ID: 3553
SDS-PAGE MW	17KD
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

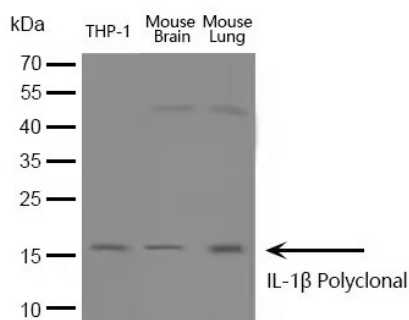
Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/5000.

Not yet tested in other applications.

Images



Western blot analysis of lysate from THP-1/ Mouse brain/Mouse liver , using IL1B Antibody.

Published Papers

el at., Inhibition of airway remodeling and inflammation by isoforskolin in PDGF-induced rat ASMCs and OVA-induced rat asthma model. In Biomed Pharmacother on 2017 Nov by Xin Liang, Jingjing Wang, et al.. PMID: 28850927, , (2017)

[PMID:28850927](#)

el at., Artemisinin Improved Neuronal Functions in Alzheimer's Disease Animal Model 3xtg Mice and Neuronal Cells via Stimulating the ERK/CREB Signaling Pathway. In Aging Dis on 2020 Jul 23 by Xia Zhao, Shuai Li, et al.. PMID:32765947, , (2020)

[PMID:32765947](#)

Jisheng Xiao;Haishan Li;Wanling Zhao;Chengyuan Cai;Tingting You;Zhenyu Wang;Mengling Wang;Feng Zeng;Jinmei Cheng;Jiaxin Li;Xiaopin Duan el at., Zinc-metal-organic frameworks with tunable UV diffuse-reflectance as sunscreens, , (2022)

[PMID:35183191](#)

Shuo Zhang;Shuang Guo;Pengyu Wang;Yan Song;Leiming Yang;Qiyu Sun;Qi Huang;Youzhi Zhang el at., Dapagliflozin attenuates skeletal muscle atrophy in diabetic nephropathy mice through suppressing Gasdermin D-mediated pyroptosis., , (2025)

[PMID:39837016](#)

Shuwan Tang;Zichao Qiu;Fangmei Liu;Cunyu Li;Guoping Peng el at., Lipopolysaccharide aggravating anaphylactoid reactions caused by traditional Chinese Medicine injections via p38/ERK/NF-κB signaling pathways., , (2025)

[PMID:39419299](#)

Qiuli Ming;Ze Li;Jun Tan;Yanwei Li el at., Adenosine A1 receptor agonist alleviates cerebral ischemia/reperfusion injury by inhibiting Nrf2/NLRP3 signalingβ mediated pyroptosis., , (2025)

[PMID:40162050](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.