ARG1 Polyclonal Antibody

Catalog Number: E-AB-70308



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human, Mouse, Rat

Immunogen Recombinant protein corresponding to Mouse Arginase-1

Host Rabbit
Isotype IgG

Purification Affinity purification

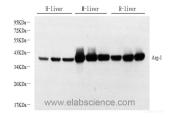
Conjugation Unconjugated

Formulation PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB 1:1000-1:2000

Data



Western Blot analysis of various samples using ARG1 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:40kDa Calculated Mw:35kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Liver arginase(Arginase-1) belongs to the arginase family. Hepatic arginase 1 is closely associated with alternative macrophage activation(PMID:12098359) and Arg1 has been shown to protectmotor neurons from trophic factor deprivation and allow sensory neurons to overcome neurite outgrowth inhibition by myelin proteins(PMID: 20071539).It can exsit as a homotrimer(PMID:16141327) and it has 3 isoforms produced by alternative splicing.Defects in ARG1 are the cause of argininemia (ARGIN).

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