

ARG1 Polyclonal Antibody

catalog number: E-AB-70308

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

Description

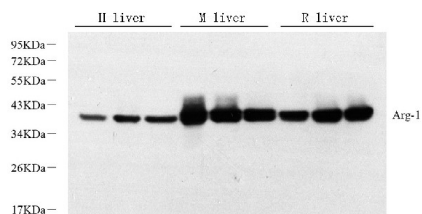
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse Arginase-1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

Recommended Dilution

WB	1:1000-1:2000
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Data



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

Observed-MW:40 kDa

Calculated-MW:35 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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 protect motor neurons from trophic factor deprivation and allow sensory neurons to overcome neurite outgrowth inhibition by myelin proteins(PMID: 20071539).It can exist as a homotrimer(PMID:16141327) and it has 3 isoforms produced by alternative splicing.Defects in ARG1 are the cause of argininemia (ARGIN).