

## ARG1 Polyclonal Antibody

catalog number: D-AB-10165L

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

### Description

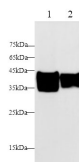
Reactivity	Mouse;Rat
Immunogen	Recombinant Human ARG1 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

### Recommended Dilution

WB	1:200-1:500
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### Data



Western blot with ARG1 Polyclonal antibody at dilution of 1:500. lane 1: Mouse liver, lane 2: Rat liver

**Observed-MW: 37 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).