

ARG1 Polyclonal Antibody

catalog number: D-AB-10165L

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

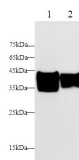
Description

| | |
|---------------------|--|
| Reactivity | Mouse;Rat |
| Immunogen | Recombinant Human ARG1 protein expressed by E.coli |
| Host | Rabbit |
| Isotype | Rabbit IgG |
| Purification | Antigen Affinity Purification |
| Buffer | PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4 |

Applications

| Applications | Recommended Dilution |
|--------------|----------------------|
| WB | 1:200-1:500 |

Data



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

Observed-MV:37 kDa

Calculated-MV: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 arginemia (ARGIN).

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