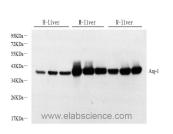
# **Elabscience**®

# **ARG1** Polyclonal Antibody

Catalog No.	E-AB-70308	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB	Isotype	IgG

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

#### Images



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

### **Immunogen Information**

Immunogen	Recombinant protein corresponding to Mouse Arginase-1
Swissprot	P05089,P07824,Q61176
Synonyms	Arg1,Arg-1,Arginase 1 ,Liver-Type Arginase,Arginase, Liver,Type I Arginase

## **Product Information**

Calculated MW	35kDa
Observed MW	40kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein
	and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:1000-1:2000

#### 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).

For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.