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Polyclonal Antibody to Arginase (ARG)

Arginase
Catalog # AP74650

Product Information

Application	WB
Primary Accession	Q95KM0
Reactivity	Rabbit
Host	Guinea Pig
Clonality	Polyclonal
Calculated MW	34448

Additional Information

Gene ID	100008814
Other Names	ARG1; Arginase I; Liver Arginase
Target/Specificity	Oryctolagus cuniculus (Rabbit)
Dilution	WB~~Western blotting: 0.5-2 □g/mL;1:300-1200 Immunohistochemistry: 5-20 □g/mL;1:30-120 Immunocytochemistry: 5-20 □g/mL;1:30-120 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	ARG1
Function	Catalyzes the final step of the urea cycle by hydrolyzing L- arginine into urea, a nitrogenous waste product, and L-ornithine, a precursor to proline and polyamines; the urea cycle occurs primarily in the liver and, to a lesser extent, in the kidneys.
Cellular Location	Cytoplasm, cytosol {ECO:0000250|UniProtKB:P05089}. Cytoplasmic granule {ECO:0000250|UniProtKB:P05089}. Note=Localized in azurophil granules of neutrophils. {ECO:0000250|UniProtKB:P05089}

Images

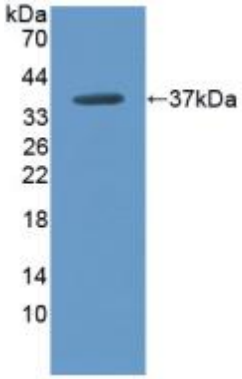


Figure. Western Blot; Sample: Recombinant ARG, Rabbit.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.