

Arginase 2 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Arg2.
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide, 0.05mg thimerosal
Storage Conditions	-20°C
RRID	AB_2745936

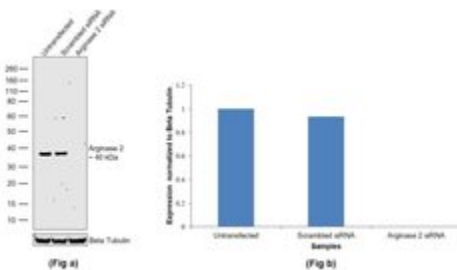
Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Western Blot (WB)	0.1-0.5 µg/mL	-

Product Specific Information

The synthetic peptide sequence is 67-85aa, DFGDLSFTPVPKDDLYNNL

Add 0.2 mL of distilled water, will yield a concentration of 500 µg/mL.

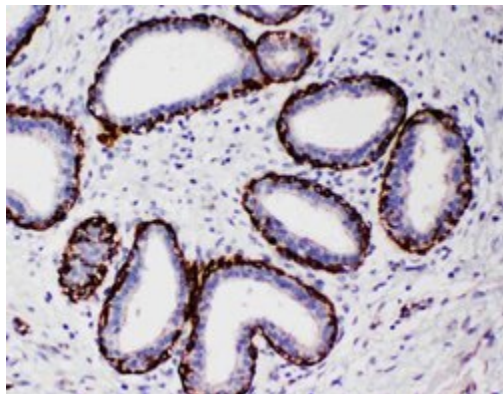
Advanced Verification Data



Arginase 2 Antibody (PA5-78820)

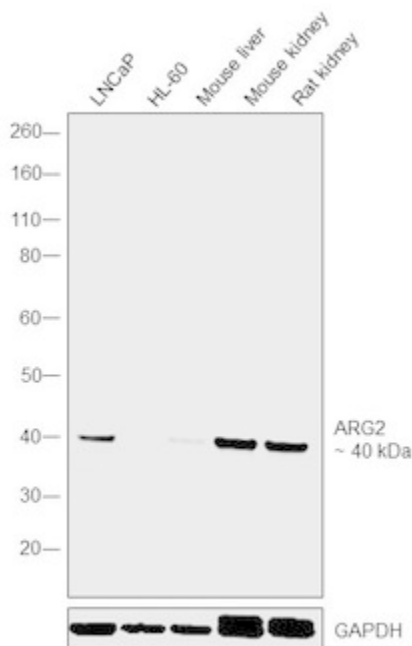
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. LNCaP cells were transfected with Arginase 2 siRNA and reduction of signal was observed in Western Blot using Arginase 2 Polyclonal Antibody (Product # PA5-78820). Knockdown validation info.

Product Images For Arginase 2 Polyclonal Antibody



Arginase 2 Antibody (PA5-78820) in IHC (P)

Immunohistochemistry analysis of Arginase 2 on paraffin-embedded human mammary cancer tissue. Sample was incubated with Arginase 2 polyclonal antibody (Product# PA5-78820).



Arginase 2 Antibody (PA5-78820) in WB

Western blot was performed using Anti-Arginase 2 Polyclonal Antibody (Product # PA5-78820) and a 40 kDa band corresponding to Arginase 2 was observed across cell line and tissues tested. HL-60 showed no expression compared to LNCaP. Whole cell extracts (40 µg lysate) of LNCaP (Lane 1), HL-60 (Lane 2), Mouse liver (Lane 3), Mouse kidney (Lane 4), and Rat kidney (Lane 5) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (0.5 µg/ml) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP conjugate (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

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