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Datasheet for ABIN6746383

## anti-ARG2 antibody (AA 71-120)

1 Image

4 Publications

### Overview

Quantity:	100 µL
Target:	ARG2
Binding Specificity:	AA 71-120
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Monkey, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARG2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Synthetic peptide located between aa71-120 of human ARG2 (P78540, NP_001163). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Rabbit, Horse, Pig, Opossum (100%), Gibbon, Guinea pig (92%).  Type of Immunogen: Synthetic peptide
Specificity:	Human ARG2
Predicted Reactivity:	Percent identity by BLAST analysis: Mouse, Rat, Dog, Horse, Pig (100%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	ARG2
Alternative Name:	Arginase ii / ARG2 ( <a href="#">ARG2 Products</a> )
Background:	Name/Gene ID: ARG2  Synonyms: ARG2, Arginase II, Kidney arginase, Nonhepatic arginase, Kidney-type arginase, L-arginine ureahydrolase, Type II arginase, Arginase 2, Arginase, type II, Arginase-2, mitochondrial, L-arginine amidinohydrolase, Non-hepatic arginase
Gene ID:	384
NCBI Accession:	<a href="#">NP_001163</a>
UniProt:	<a href="#">P78540</a>

## Application Details

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Application Notes:	Approved: WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

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Product cited in:

Waite, Floyd, Arbour-Reily, Stephens: "Interferon-gamma-induced regulation of peroxisome proliferator-activated receptor gamma and STATs in adipocytes." in: **The Journal of biological chemistry**, Vol. 276, Issue 10, pp. 7062-8, (2001) ([PubMed](#)).

Bartoli, Gu, Tsai, Venema, Brooks, Marrero, Caldwell: "Vascular endothelial growth factor activates STAT proteins in aortic endothelial cells." in: **The Journal of biological chemistry**, Vol. 275, Issue 43, pp. 33189-92, (2000) ([PubMed](#)).

Bromberg, Darnell: "The role of STATs in transcriptional control and their impact on cellular function." in: **Oncogene**, Vol. 19, Issue 21, pp. 2468-73, (2000) ([PubMed](#)).

Dent, Hu-Li, Paul, Staudt: "T helper type 2 inflammatory disease in the absence of interleukin 4 and transcription factor STAT6." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 95, Issue 23, pp. 13823-8, (1998) ([PubMed](#)).

Heim: "The Jak-STAT pathway: specific signal transduction from the cell membrane to the nucleus." in: **European journal of clinical investigation**, Vol. 26, Issue 1, pp. 1-12, (1996) ([PubMed](#)).

## Images

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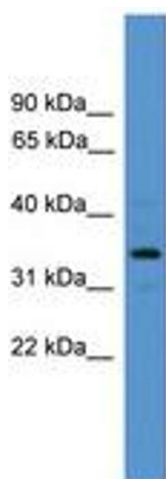


Image 1.