

IBA1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Pig, Mouse, Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (TGPPAKKAISELP) corresponding to the C-terminus amino acids of AIF1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10982846

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-1 µg/mL	1 Publication
Immunohistochemistry (IHC)	-	11 Publications
Immunohistochemistry (Paraffin) (IHC (P))	6-8 µg/mL	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	2 Publications
Immunocytochemistry (ICC/IF)	-	2 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

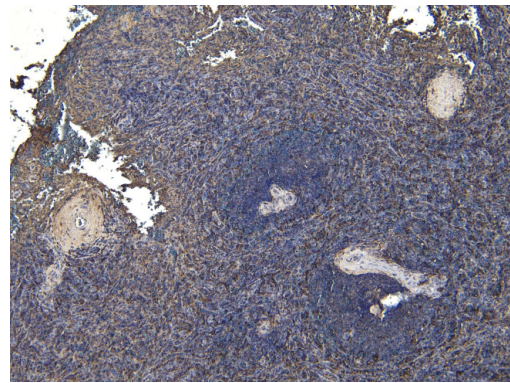
This antibody is predicted to react with human and porcine based on sequence homology.

This antibody is tested in Peptide ELISA: antibody detection limit dilution 64,000.

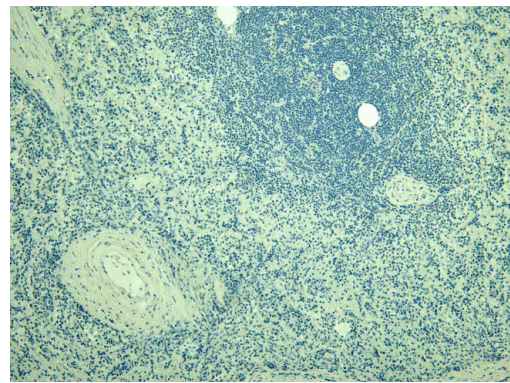
Product Images For IBA1 Polyclonal Antibody



IBA1 Antibody (PA5-18039) in WB
Western blot analysis of IBA1 using IBA1 Polyclonal Antibody (Product # PA5-18039) (1 µg/mL) in staining of Human Frontal Cortex (A) Mouse Brain (B) and Rat Brain (C) lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



IBA1 Antibody (PA5-18039) in IHC (P)
Immunohistochemistry (PFA fixed) analysis of IBA1 using IBA1 Polyclonal Antibody (Product # PA5-18039) (6 µg/mL) in staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



IBA1 Antibody (PA5-18039) in IHC (P)
Negative Control for IBA1 Polyclonal Antibody (Product # PA5-18039), showing immunohistochemical staining of paraffin embedded Human Spleen, with no primary antibody.

[View more figures on thermofisher.com](#)

Western Blot (1)

PloS one Ablation of CCAAT/Enhancer-Binding Protein Delta (C/EBPD): Increased Plaque Burden in a Murine Alzheimer's Disease Model. "Published figure using IBA1 polyclonal antibody (Product # PA5-18039) in Western Blot" Authors: Lutzenberger M,Burwinkel M,Riemer C,Bode V,Baier M	Year 2016 Species Mouse
---	---

Immunohistochemistry (11)

Biology of sex differences Sex differences in the effects of high fat diet on underlying neuropathology in a mouse model of VCID. "PA5-18039 was used in Immunohistochemistry to report on sex differences in the underlying neuropathology, specifically white matter changes and neuroinflammation in several areas of the brain." Authors: Abi-Ghanem C,Salinero AE,Kordit D,Mansour FM,Kelly RD,Venkataganesh H,Kyaw NR,Gannon OJ,Riccio D,Fredman G,Poitelon Y,Belin S,Kopec AM,Robison LS,Zuloaga KL	Year 2023 Species Mouse Dilution 1:1,000
---	---

Nature communications An updated suite of viral vectors for in vivo calcium imaging using intracerebral and retro-orbital injections in male mice. "PA5-18039 was used in Immunohistochemistry-immunofluorescence to explore the use of systemically administered PHP.eB AAVs for brain-wide expression of GECIs and show that systemic administration is a promising strategy for imaging neural activity." Authors: Grødem S,Nymoen I,Vatne GH,Rogge FS,Björnsdóttir V,Lensjø KK,Fyhn M	Year 2023 Species Mouse Dilution 1:500
--	---

[View more IHC references on thermofisher.com](#)

Immunohistochemistry (Paraffin) (1)

Journal of neuroinflammation Efficient control of Japanese encephalitis virus in the central nervous system of infected pigs occurs in the absence of a pronounced inflammatory immune response. "Published figure using IBA1 polyclonal antibody (Product # PA5-18039) in Immunohistochemistry" Authors: Redant V,Favoreel HW,Dallmeier K, Van Campe W,De Regge N	Year 2020 Species Pig Dilution 1:100
---	---

More applications with references on thermofisher.com

- IHC (F) (2)
- ICC/IF (2)
- Misc (1)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.