

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

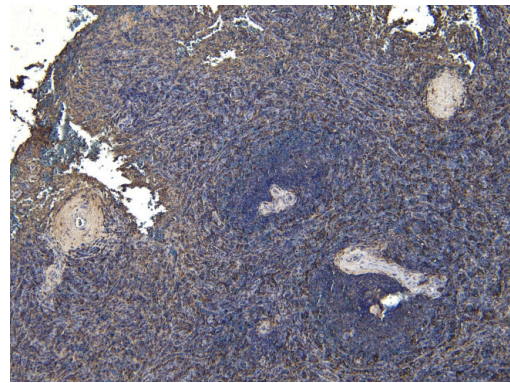
This antibody is predicted to react with human and porcine based on sequence homology.

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

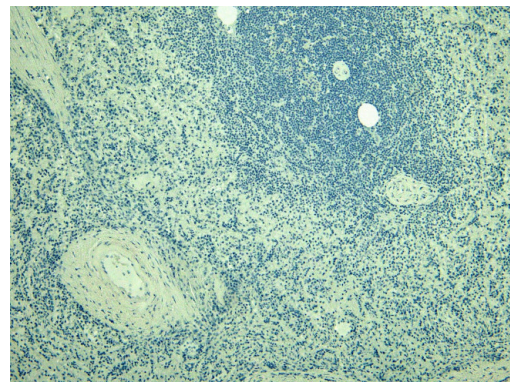
Product Images For IBA1 Polyclonal Antibody



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.

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Western Blot (1)

<p>PloS one</p> <p>Ablation of CCAAT/Enhancer-Binding Protein Delta (C/EBPD): Increased Plaque Burden in a Murine Alzheimer's Disease Model.</p> <p>"Published figure using IBA1 polyclonal antibody (Product # PA5-18039) in Western Blot"</p> <p>Authors: Lutzenberger M,Burwinkel M,Riemer C,Bode V,Baier M</p>	<p>Year 2016</p> <p>Species Mouse</p>
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Immunohistochemistry (11)

<p>Biology of sex differences</p> <p>Sex differences in the effects of high fat diet on underlying neuropathology in a mouse model of VCID.</p> <p>"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."</p> <p>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</p>	<p>Year 2023</p> <p>Species Mouse</p> <p>Dilution 1:1,000</p>
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<p>Nature communications</p> <p>An updated suite of viral vectors for in vivo calcium imaging using intracerebral and retro-orbital injections in male mice.</p> <p>"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."</p> <p>Authors: Grødem S,Nymoen I,Vatne GH,Rogge FS,Björnsdóttir V,Lensjø KK,Fyhn M</p>	<p>Year 2023</p> <p>Species Mouse</p> <p>Dilution 1:500</p>
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[View more IHC references on thermofisher.com](#)

Immunohistochemistry (Paraffin) (1)

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

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

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