

Anti-IBA1/AIF1 Antibody

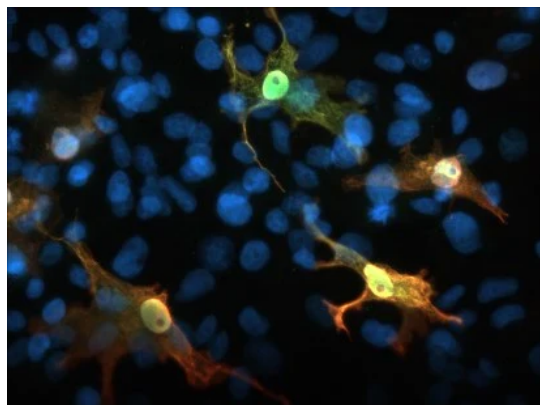


Product Details

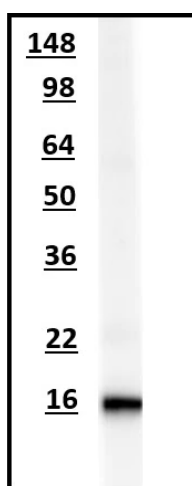
Available Variants	500 µL (SKU:IBA1-0100) 100 µL (SKU:IBA1-0020)
Isotype	IgY
Host Species	Chicken
Concentration	0.2 mg/mL
Format	Affinity purified
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Eggs from hens hyperimmunized with target were used to prepare an IgY fraction which was then subjected to antigen-specific affinity purification
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:500-1:1000 ICC: 1:100-1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	Purified recombinant human full-length IBA1/AIF1 (Uniprot P55008) expressed in E.Coli
Molecular Weight	17 kDa
Quality Control	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used to probe brain lysate.
Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.

Antibody Registry ID	AB_2910556
UniProt ID	<u>P55008</u>
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

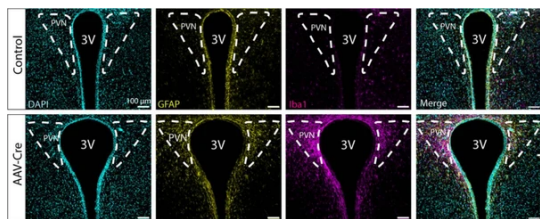
Product Images



Immunofluorescence of AIF1/IBA1-FLAG transfected COS-7 cells using chicken α -AIF1/IBA1 (green) and mouse α -flag tag (red). Yellow/orange staining shows 100% correspondence between the two antibodies for recognition of transfected cells. Blue staining is DAPI and stains nuclei of both transfected and untransfected cells.



Western blot of rat brain membrane lysate using chicken α -AIF1/IBA1 showing specific immunolabeling of endogenous AIF1/IBA1 at ~17kDa.



Example comparison of glial fibrillary acidic protein (GFAP) and ionized calcium binding adaptor molecule 1 (Iba1) (Cat. IBA1, 1:500) expression in the wild-type paraventricular nucleus of the hypothalamus (PVN) between Control and AAV-Cre mice groups. Image from publication CC-BY-4.0. [PMID: 38227343](https://pubmed.ncbi.nlm.nih.gov/38227343/)

Product Page URL: www.antibodiesinc.com/products/anti-iba1-aif1-antibody-iba1



Created on 07. September 2026 | All information without guarantee