

Product Datasheet

AIF1/Iba1 Rabbit Polyclonal Antibody (orb10863)

Catalog Number	orb10863
Category	Antibodies
Description	AIF1/Iba1 Rabbit Polyclonal Antibody
Target	AIF1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human Iba1 (51-147/147aa)
UniProt ID	P55008
RRID	AB_10751100
MW	16 kDa

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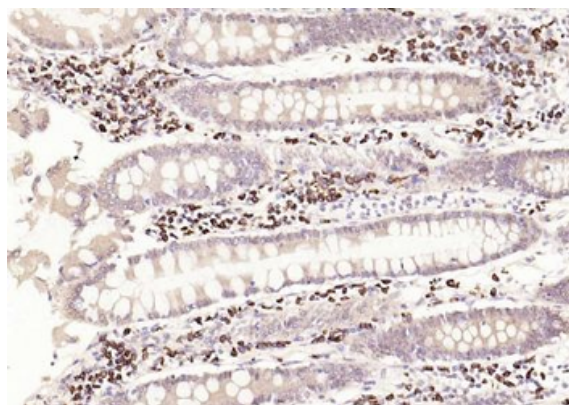
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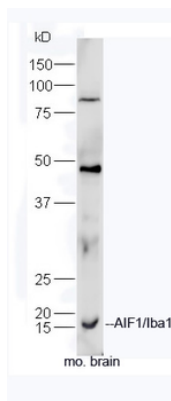
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Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (AIF1) Polyclonal Antibody, Unconjugated (orb10863) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Brain (Mouse) lysate at 30 ug, Primary: Anti-AIF1/Iba1 (orb10863) at 1:300 dilution, Secondary: HRP conjugated Goat Anti-rabbit IgG (orb572747) at 1:5000 dilution, Predicted band size: 16 kD, Observed band size: 16 kD.

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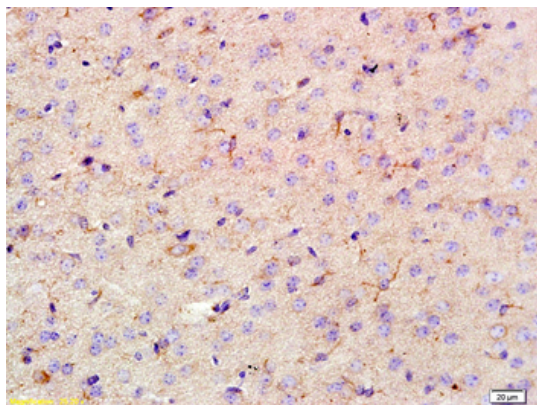
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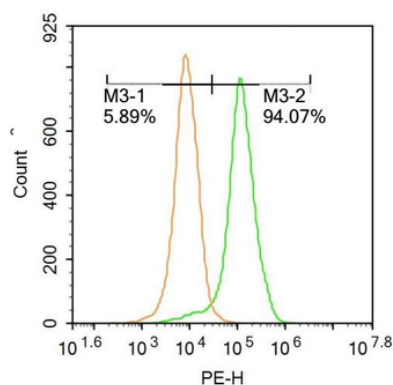
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Tissue/Cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-AIF1/IBA-1 Polyclonal Antibody, Unconjugated (orb10863) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



U-937 cells were fixed with 4% PFA for 10 min at room temperature, permeabilized with 20% PBST for 20 min at room temperature, and incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with AIF1 Antibody (orb10863) at 1:500 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody incubation for 40 min at room temperature. Acquisitions of 20000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).

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