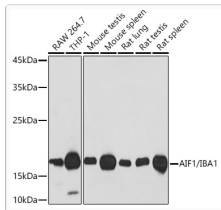
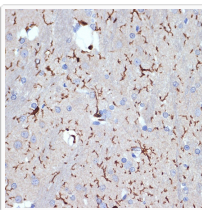


Anti-AIF1/IBA1 antibody (1-100) [S7MR] (STJ11103127)

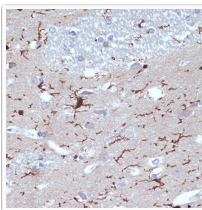
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:4000 IHC-P:1:200-1:2000 IF/ICC:1:200-1:2000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 17kDa Observed Mw: 17kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
TARGET INFORMATION	
Gene ID	11629
Gene Symbol	Aif1
UniProt ID	AIF1_MOUSE
Immunogen Region	1-100
Immunogen Sequence	MSQSRDLQGGKAFGLLKAQQ EERLEGINKQFLDDPKYSND EDLPKLEAFKVKYMEFDLN GNGDIDIMSLKRMLEKLGVP KTHLELKRLIREVSSGSEET
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of mouse AIF1/IBA1 (O70200).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



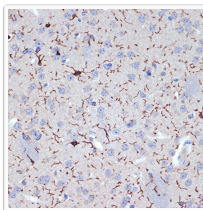
Western blot analysis of extracts of various cell lines, using AIF1/AIF1/IBA1 rabbit monoclonal antibody (STJ11103127) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



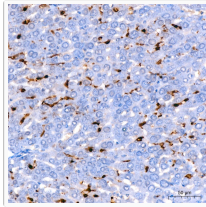
Immunohistochemistry analysis of paraffin-embedded rat brain using AIF1/AIF1/IBA1 rabbit monoclonal antibody (STJ11103127) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



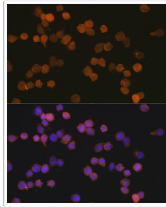
Immunohistochemistry analysis of paraffin-embedded human brain using AIF1/AIF1/IBA1 rabbit monoclonal antibody (STJ11103127) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



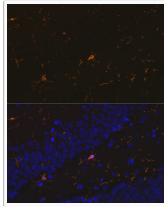
Immunohistochemistry analysis of paraffin-embedded mouse brain using AIF1/AIF1/IBA1 rabbit monoclonal antibody (STJ11103127) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



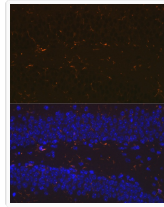
Immunohistochemistry analysis of paraffin-embedded mouse liver using AIF1/AIF1/IBA1 rabbit monoclonal antibody (STJ11103127) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



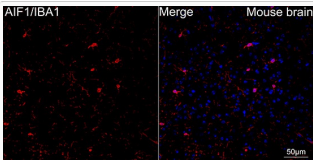
Immunofluorescence analysis of THP-1 cells using AIF1/AIF1/IBA1 rabbit monoclonal antibody (STJ11103127) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



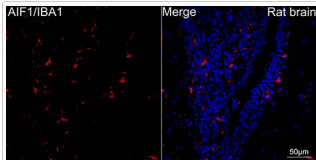
Immunofluorescence analysis of rat brain using AIF1/AIF1/IBA1 rabbit monoclonal antibody (STJ11103127) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using AIF1/AIF1/IBA1 rabbit monoclonal antibody (STJ11103127) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Confocal imaging of paraffin-embedded mouse brain using AIF1/IBA1 rabbit monoclonal antibody (STJ11103127, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded Rat brain using AIF1/IBA1 rabbit monoclonal antibody (STJ11103127, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform microwave antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.