Anti-AIF1/IBA1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P101075

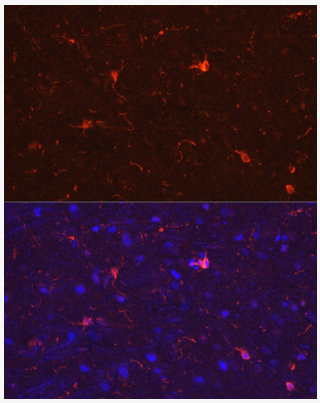
Product Information

Application	WB, IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1000~1:5000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-147 of human AIF1/IBA1 (NP_001614.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-AIF1/IBA1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

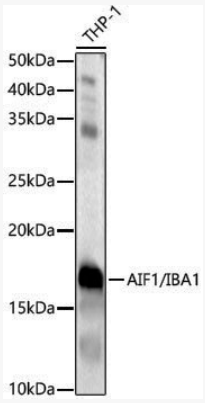
Protein Information

Synonyms	IBA1; IRT1; AIF-1; IRT-1; AIF1/IBA1.
Calculated MW	Calculated MW: 17 kDa; Observed MW: 17 kDa
Uniprot ID	P55008
Gene ID	199
Background	This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain.

Validation Images



Immunofluorescence analysis of paraffin-embedded rat brain using AIF1/IBA1 Rabbit pAb (P101075) at dilution of 1:50 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from THP-1 cells, using AIF1/IBA1 Rabbit pAb (P101075) at 1:2,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 30s.