OriGene Technologies, Inc.
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Product datasheet for TA373376

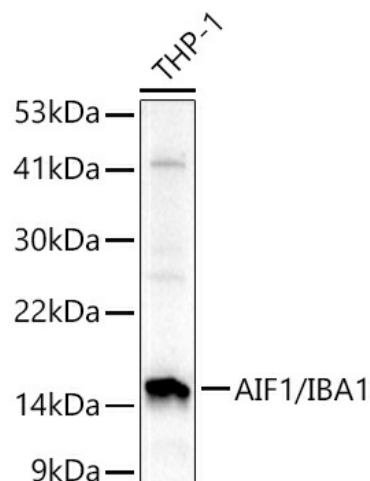## Iba1 (AIF1) Rabbit Polyclonal Antibody

Product data:

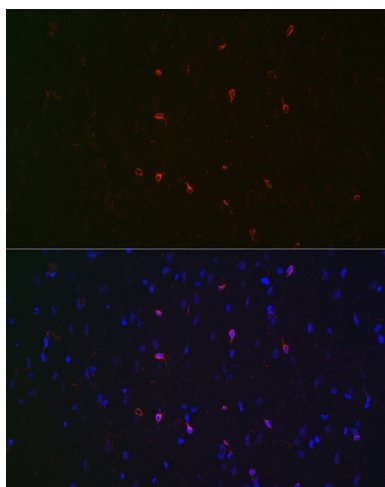|	
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000
	IHC,1:50 - 1:100
	IF,1:50 - 1:100
Reactivity:	Human, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-147 of human AIF1/IBA1 (NP_001614.3).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	10kDa/14kDa/16kDa
Gene Name:	allograft inflammatory factor 1
Database Link:	Entrez Gene 199 Human
	P55008
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.

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Synonyms: AIF-1; Em:AF129756.17; G1; IBA1; IRT-1

Product images:

Western blot analysis of extracts of THP-1 cells, using AIF1/IBA1 antibody (TA373376) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Enhanced Kit .|Exposure time: 180s.

Immunofluorescence analysis of rat brain using AIF1/IBA1 Rabbit pAb (TA373376) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.