

Anti-IBA1 AIF1 Antibody

Catalog Number: A01394-3

About AIF1

Following activation by double-stranded RNA in the presence of ATP, the kinase becomes autophosphorylated and can catalyze the phosphorylation of the translation initiation factor EIF2S1, which leads to an inhibition of the initiation of protein synthesis. Double-stranded RNA is generated during the course of a viral infection.

Abujiang Pataer, et.al. (2002) Cancer Res ; 62: 2239.

K. D. Ryman, et.al. (2005) J. Virol ; 79: 1487 - 1499.

Susana Guerra, et.al. (2006) J. Biol. Chem ; 281: 18734 - 18745.

Overview

Product Name	Anti-IBA1 AIF1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-IBA1 AIF1 Antibody catalog # A01394-3. Tested in WB,IHC,ICC/IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P55008

Technical Details

Immunogen	Synthesized peptide derived from human TIP60 around the phosphorylation site of S90.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	ProA affinity purified
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p> <p>ICC/IF: 1:50-1:200</p> <p>IHC-P: 1:50-1:100</p>

Anti-IBA1 AIF1 Antibody (A01394-3) Images

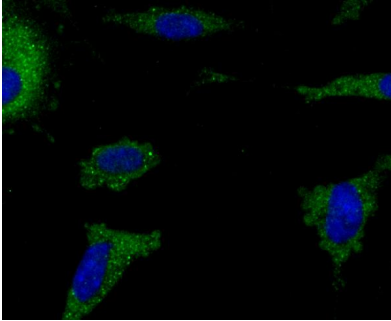


Figure 1. Immunocytochemistry staining of AIF1 using Anti-IBA1 AIF1 Antibody (A01394-3).

ICC staining Iba1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

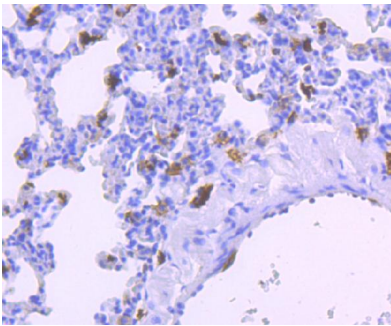


Figure 2. Immunohistochemistry validation of AIF1 using Anti-IBA1 AIF1 Antibody (A01394-3).

Immunohistochemical analysis of paraffin-embedded rat lung tissue using anti-Iba1 antibody. Counter stained with hematoxylin.

For more protocol information of IHC

4 Publications Citing This Product

1. PubMed ID: -, Wu,H.,Jiang,X.,Li,Y.,Zhou,Y.,Zhang,T.,Zhi,P.,Gao,J.,Engineering Stem Cell Derived Biomimetic Vesicles for Versatility and Effective Targeted Delivery.Adv. Funct.Mater.2020, 30, 2006169.https://doi.org/10.1002/adfm.202006169
2. PubMed ID: 32593156, Li X,Shi MQ,Chen C,Du JR.Phthalide derivative CD21 ameliorates ischemic brain injury in a mouse model of global cerebral ischemia: involvement of inhibition of NLRP3.Int Immunopharmacol.2020 Sep;86:106714.doi: 10.1016/j.intimp.2020.106714.Epub 2020 Jun 24
3. PubMed ID: 31837991, Zhou Z,Hou J,Mo Y,Ren M,Yang G,Qu Z,Hu Y.Geniposidic acid ameliorates spatial learning and memory deficits and alleviates neuroinflammation via inhibiting HMGB-1 and downregulating TLR4/2 signaling pathway in APP/PS1 mice.Eur J Pharmacol.2020 Feb 15;869:1

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