



## Rabbit antibody to human IBA1: affinity purified

<b>Catalogue No.:</b>	R-1817-50
<b>Description:</b>	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation. Ref: uniprot.org
<b>Replaced by:</b>	R-1820-50, Rabbit antibody to human IBA1: whole serum
<b>Batch No.:</b>	See product label.
<b>Unit size:</b>	50 µg
<b>Antigen:</b>	C-terminal peptide of human IBA1 protein coupled to KLH.
<b>Antibody Type:</b>	Polyclonal
<b>Other Names:</b>	Allograft inflammatory factor 1; AIF-1; Ionized calcium-binding adapter molecule 1; Protein G1
<b>Accession:</b>	P55008 (AIF1_HUMAN)
<b>Produced in:</b>	Rabbit
<b>Molecular Weight:</b>	IBA1 is detected at ~15-17 kDa on western blot.
<b>Purity:</b>	Affinity purified
<b>Applications:</b>	Western blotting (1:1,000-1:5,000) and Immunohistochemistry (1:2,000-1:5,000). Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Reacts with human, rat, mouse.
<b>Form:</b>	Lyophilised from a solution containing PBS buffer pH 7.2-7.6 with 3% trehalose, without preservatives.
<b>Reconstitution:</b>	Spin vial briefly before opening. Reconstitute in 50 µL sterile water. Centrifuge to remove any insoluble material. Final buffer contains no preservatives.
<b>Storage:</b>	Store lyophilised antibody at 2-8°C. After reconstitution divide into aliquots and store at -20°C for long-term storage. Store at 2-8°C short-term (up to 4 weeks) with an appropriate antibacterial agent. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase if unopened.

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FOR RESEARCH USE ONLY