



Rabbit antibody to human IBA1: affinity purified

Catalogue No.:	R-1817-50
Description:	THIS PRODUCT HAS BEEN SUPERCEDED.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
Replaced by:	R-1820-50, Rabbit antibody to human IBA1: whole serum
Batch No.:	See product label.
Unit size:	50 µg
Antigen:	C-terminal peptide of human IBA1 protein coupled to KLH.
Antibody Type:	Polyclonal
Other Names:	Allograft inflammatory factor 1; AIF-1; Ionized calcium-binding adapter molecule 1; Protein G1
Accession:	P55008 (AIF1_HUMAN)
Produced in:	Rabbit
Molecular Weight:	IBA1 is detected at ~15-17 kDa on western blot.
Purity:	Affinity purified
Applications:	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.
Specificity:	Reacts with human, rat, mouse.
Form:	Lyophilised from a solution containing PBS buffer pH 7.2-7.6 with 3% trehalose, without preservatives.
Reconstitution:	Spin vial briefly before opening. Reconstitute in 50 µL sterile water. Centrifuge to remove any insoluble material. Final buffer contains no preservatives.
Storage:	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.
Expiry Date:	12 months after purchase if unopened.

FOR RESEARCH USE ONLY