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Datasheet for ABIN2855067 anti-lba1 antibody

7 Images

1 Publication



Overview

Quantity:	100 μL
Target:	Iba1 (IBA1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Iba1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human Iba1. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Iba1 (allograft inflammatory factor 1) Iba1 antibody

Purification: Purified by antigen-affinity chromatography.

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Target Details

Target:	Iba1 (IBA1)
Alternative Name:	allograft inflammatory factor 1 (IBA1 Products)
Background:	This gene is induced by cytokines and interferon. Its protein product is thought to be involved in negative regulation of growth of vascular smooth muscle cells, which contributes to the anti- inflammatory response to vessel wall trauma. Three transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	17 kDa
Gene ID:	199
UniProt:	P55008
Pathways:	Smooth Muscle Cell Migration

Application Details

Application Notes:	WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IHC-Fr: 1:100-1:1000. FACS:
	1:50-1:200. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the
	researcher. Not tested in other applications.
Comment:	Validation: Comparison
Restrictions:	For Research Use only

Handling

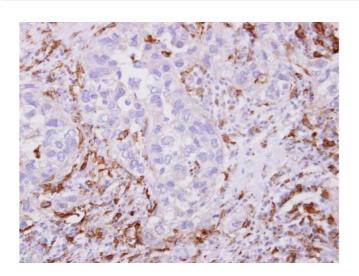
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

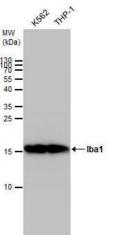
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Product cited in:

Yang, Yan, Feng: "Surfactant protein A is expressed in the central nervous system of rats with experimental autoimmune encephalomyelitis, and suppresses inflammation in human astrocytes and microglia." in: **Molecular medicine reports**, Vol. 15, Issue 6, pp. 3555-3565, (2018) (PubMed).

Images





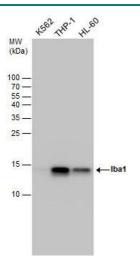
Immunohistochemistry

Image 1. IHC-P Image Iba1 antibody detects Iba1 protein at cytoplasm on human breast cancer stroma by immunohistochemical analysis. Sample: Paraffin-embedded breast cancer stroma. Iba1 antibody, dilution: 1:500.

Western Blotting

Image 2. WB Image Iba1 antibody detects Iba1 protein by western blot analysis. Various whole cell extracts (30 μ g) were separated by 15 % SDS-PAGE, and blotted with Iba1 antibody, diluted by 1:2500

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Western Blotting

Image 3. WB Image Iba1 antibody detects Iba1 protein by western blot analysis. Various whole cell extracts ($30 \mu g$) were separated by 15% SDS-PAGE, and the membrane was blotted with Iba1 antibody , diluted at a dilution of 1:5000.

Please check the product details page for more images. Overall 7 images are available for ABIN2855067.