

Nur für Forschungszwecke

IBA1 Polyklonaler Antikörper

Katalog-Nr.: 10904-1-AP

Vorgestelltes Produkt

295 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10904-1-AP	GenBank-Zugangsnummer: BC009474	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 199	Empfohlene Verdünnungen: IHC 1:400-1:1600 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: allograft inflammatory factor 1	
Isotyp: IgG	Berechnete Masse: 17 kDa	
Immunogen Katalognummer: AG1363		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF, IHC, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, IHC	IHC: Rattenhirngewebe, humanes Hirngewebe, humanes Lebergewebe, humanes Tonsillitisgewebe, Maushirngewebe
Getestete Reaktivität: Human, Maus, Ratte	IF: Maushirngewebe,
Zitierte Arten: Hamster, Hausschwein, Human, Maus, Ratte, Zebrafisch	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

IBA1 is a 143 amino acid cytoplasmic, inflammation response scaffold protein. It is constitutively expressed in monocytes and macrophages and is known to be involved in macrophage activation. It is a marker of activated macrophage. Expression of IBA1 is up-regulated in activated microglia following facial nerve axotomy, ischemia, and several brain diseases, thereby implicating it in the activated phenotypes of microglia.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yi-Na Zhang	36168082	Transl Stroke Res	IF
Anna Piotrowska	31616413	Front Immunol	WB
R Zajackowska	30267794	Pharmacol Biochem Behav	WB

Lagerung

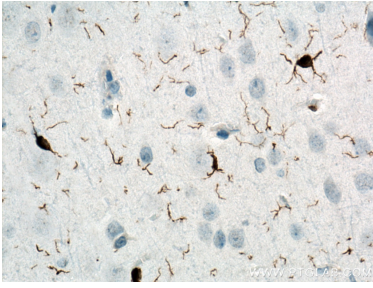
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

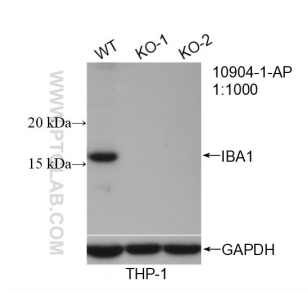
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

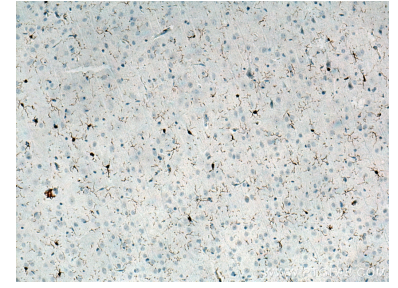
Ausgewählte Validierungsdaten



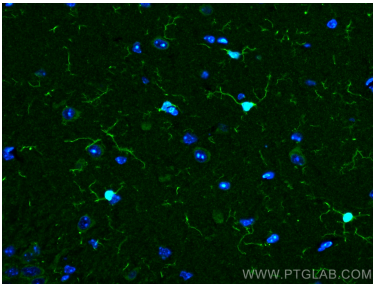
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 10904-1-AP (IBA1 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



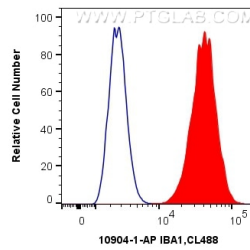
WB result of IBA1 antibody (10904-1-AP; 1:1000; room temperature for 1.5 hours) with wild-type and IBA1 knockout THP-1 cells.



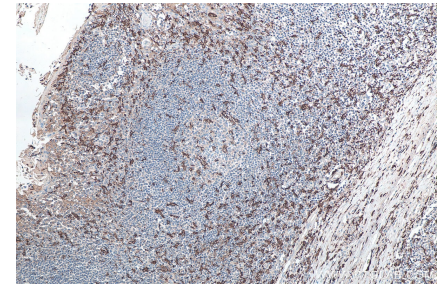
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 10904-1-AP (IBA1 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



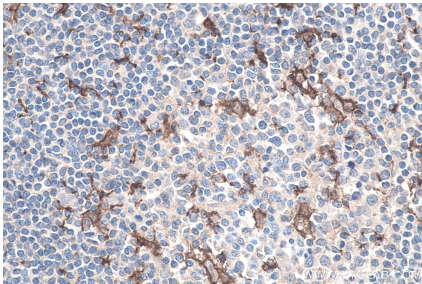
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using IBA1 antibody (10904-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 THP-1 cells were intracellularly stained with 0.4 μ g Anti-Human IBA1 (10904-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10904-1-AP (IBA1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10904-1-AP (IBA1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).