Datasheet for ABIN1742363

anti-GFAP antibody

4 Images | 13 Publications

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Overview

Quantity:	200 µL
Target:	GFAP
Reactivity:	Human, Rat, Mouse, Chicken, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant full length human GFAP.
Specificity:	Specific for GFAP.
Purification:	antiserum

Target Details

Target:	GFAP
Alternative Name:	GFAP (GFAP Products)

Application Details

Application Notes:	WB: 1 : 1000 (AP staining) ICC: 1 : 1000 IHC-P: 1 : 1000

Application Details

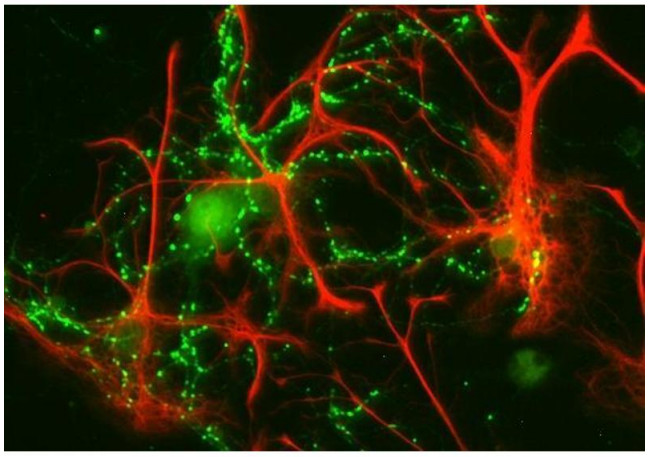
Comment:	WB: The polyclonal antibodies are more sensitive compared to the monoclonals. ELISA: Suitable as detector antibody for sandwich-ELISA as capture antibody (protocol for sandwich-ELISA).
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS
Handling Advice:	Crude antisera are more robust than monoclonals. With anti-microbials added, they may be stored at 4 °C. Serum does not contain active proteases, in fact, serum itself contains a powerful cocktail of protease inhibitors. Frozen storage (-20 °C),however, is preferable.
Storage:	4 °C/-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

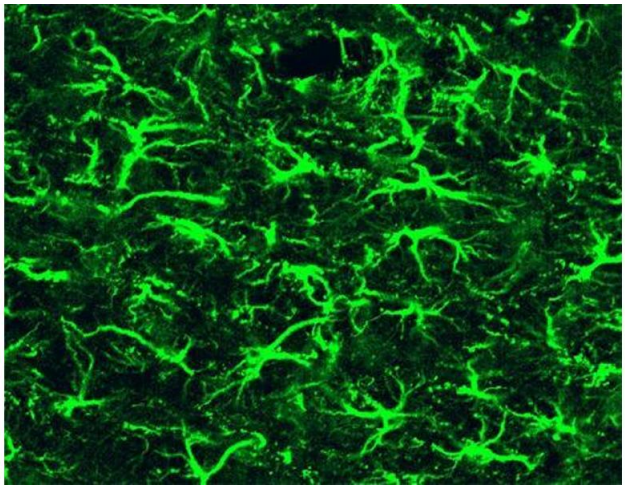
Publications

Product cited in:	Schildknecht, Karreman, Pöltl, Efrémova, Kullmann, Gutbier, Krug, Scholz, Gerding, Leist: " Generation of genetically-modified human differentiated cells for toxicological tests and the study of neurodegenerative diseases." in: **ALTEX**, Vol. 30, Issue 4, pp. 427-44, (2013) (PubMed). Tong, Wong, Guttman, Ang, Forno, Shimadzu, Rajput, Muenter, Kish, Hornykiewicz, Furukawa: " Brain alpha-synuclein accumulation in multiple system atrophy, Parkinson's disease and progressive supranuclear palsy: a comparative investigation." in: **Brain : a journal of neurology**, Vol. 133, Issue Pt 1, pp. 172-88, (2010) (PubMed). There are more publications referencing this product on: Product page



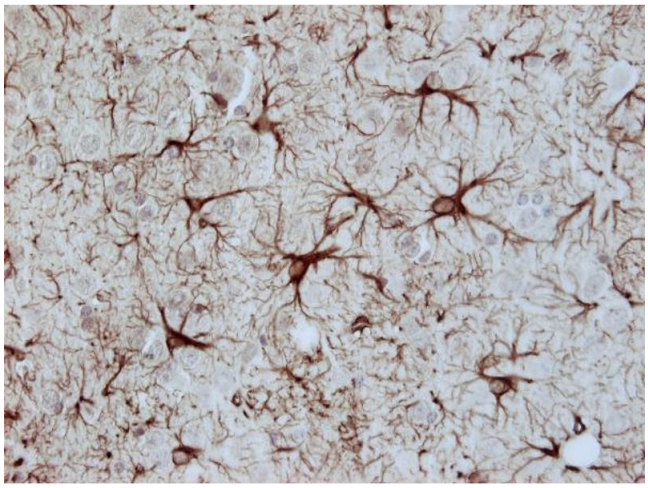
Immunocytochemistry

Image 1. Indirect immunofluorescence labeling of cultured rat astrocytes and hippocampus neurons with anti-GFAP (red; dilution 1 : 1000) and anti-synaptophysin (green; cat. no. 101 011; dilution 1 : 200).



Immunohistochemistry

Image 2. Immunofluorescence staining of a mouse brain section.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunostaining of paraffin embedded section of mouse brain (dilution 1 : 1000). Immunoreactivity was revealed using diaminobenzidine as chromagen. Nuclei were counterstained with haematoxylin (blue).

Please check the product details page for more images. Overall 4 images are available for ABIN1742363.

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