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antibody and ELISA experts

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Anti-GFAP Rabbit Monoclonal Antibody

Catalog Number: M00213-2

About GFAP

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

Product Name	Anti-GFAP Rabbit Monoclonal Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-GFAP Rabbit Monoclonal Antibody catalog # M00213-2. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Rat.
Conjugate	FITC
Application	IF, IHC, ICC, WB
Clonality	Monoclonal ECO-7
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P14136

Technical Details

Immunogen	A synthesized peptide derived from human GFAP
Predicted Reactive Species	Human, Primate
Cross Reactivity	Detects ~20kDa. Does not cross-react with alphaB-crystallin, betaL-crystallin, H- crystallin, gamma-crystallin, HSP25, HSP27 or HSP47 proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography

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Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200

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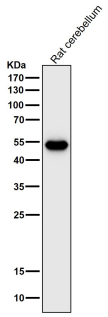
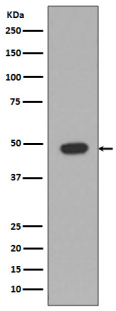
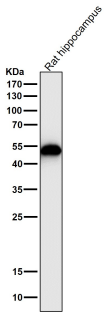
Anti-GFAP Rabbit Monoclonal Antibody (M00213-2) Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of GFAP expression in Rat brain lysate.



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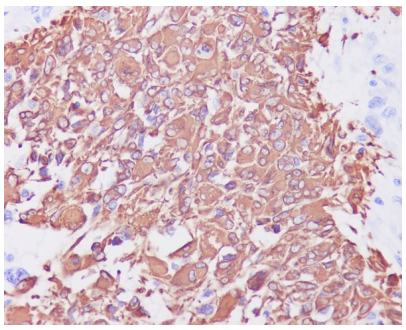

Immunohistochemical analysis of paraffin-embedded human glioma, using GFAP Antibody .

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

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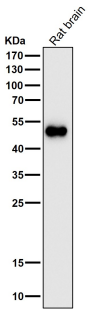

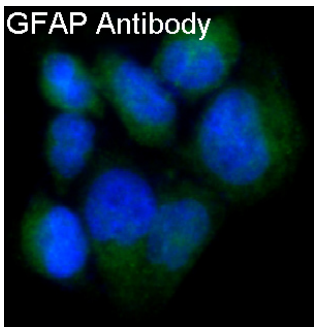

Immunofluorescent analysis of SNB19 cells, using GFAP Antibody.

43 Publications Citing This Product

1. PubMed ID: -, Zhang LY,Jin QQ,Hölscher C,Li L.Glucagon-like peptide-1/glucose-dependent insulinotropic polypeptide dual receptor agonist DA-CH5 is superior to exendin-4 in protecting neurons in the 6-hydroxydopamine rat Parkinson model. Neural Regen Res 2021;16:1660-70

2. PubMed ID: -, Ahmed S. Ahmed,JAK-1/STAT-3 pathway mediated role in aging cerebellar cortex degenerative changes of albino wistar rats, Translational Research in Anatomy, 2020,100089,ISSN 2214-854X, https://doi.org/10. 1016/j.tria.2020.100089.

3. PubMed ID: -, Zhou Feng,Shengyan Liu,Qianwei Chen,Qiang Tan,Jishu Xian,Hua Feng,Zhi Chen,Gang Li,uPA alleviates kaolin-induced hydrocephalus by promoting the release and activation of hepatocyte growth factor in rats, Neuroscience Letters,Volume 731,2020,135011,ISSN 03

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