

## Allgemeine Informationen

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|---|---|---|
| <b>Katalog-Nr.:</b><br>60190-1-Ig                                       | <b>GenBank-Zugangsnummer:</b><br>BC013596                     | <b>Reinigungsmethode:</b><br>Protein-A-Reinigung  |
| <b>Größe:</b><br>150ul , Konzentration: 2000 µg/ml von2670<br>Nanodrop; | <b>GeneID (NCBI):</b><br>2670                                 | <b>CloneNo.:</b><br>4B2E10  |
| <b>Wirt:</b><br>Maus  | <b>Vollständiger Name:</b><br>glial fibrillary acidic protein | <b>Empfohlene Verdünnungen:</b><br>WB 1:5000-1:50000<br>IP 0.5-4.0 ug für IP und 1:500-1:2000<br>für WB |
| <b>Isotyp:</b><br>IgG2a   | <b>Berechnete Masse:</b><br>432 aa, 50 kDa                    | <b>IHC 1:500-1:10000</b>  |
| <b>Immunogen Katalognummer:</b><br>AG10452                              | <b>Beobachtete Masse:</b><br>45-52 kDa                        | <b>IF 1:50-1:500</b>  |

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### In Publikationen genannte Anwendungen:

Dot blot, IF, IHC, WB

### Getestete Reaktivität:

Hausschwein, Human, Kaninchen, Maus, Ratte

### Zitierte Arten:

Hausschwein, Human, Kaninchen, Maus, Ratte

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

**WB:** Rattenhirngewebe, Hausschwein-Hirngewebe, humanes Hirngewebe, U-251-Zellen

**IP:** Maushirngewebe,

**IHC:** humanes Hirngewebe, humanes Gliomgewebe, Maushirngewebe, Rattenhirngewebe

**IF:** Rattenhirngewebe,

## Hintergrundinformationen

GFAP (Glial fibrillary acidic protein), an intermediate-filament (IF) protein, is specifically expressed in cells of astroglial lineage and is widely used to mark the astroglia in the brain. It is also used as a marker for intracranial and intraspinal tumors arising from astrocytes. This antibody is not recommended for immunocytofluorescent assays. It is not suitable for frozen sections.

## Bemerkenswerte Veröffentlichungen

| Verfasser      | Pubmed ID | Journal             | Anwendung |
|----------------|-----------|---------------------|-----------|
| Kenji Sakamoto | 29110956  | J Pharmacol Sci     | IHC       |
| Yingying Wang  | 36174863  | Int J Biol Macromol | IF        |
| Shuisheng Yu   | 34646136  | Front Pharmacol     | IF        |

## 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**

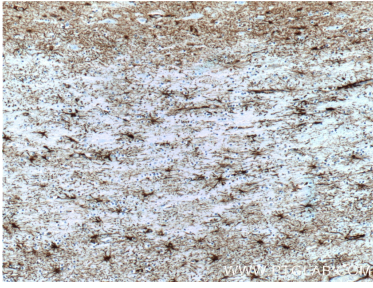
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

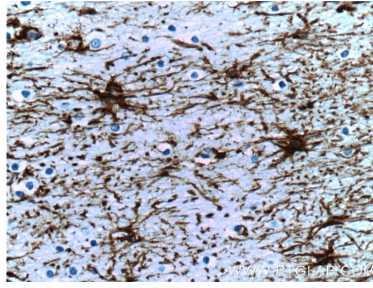
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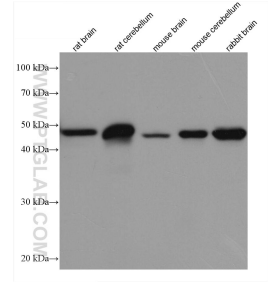
## Ausgewählte Validierungsdaten



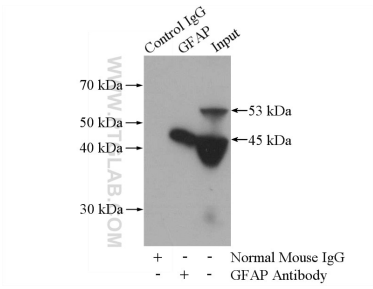
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 60190-1-Ig (GFAP Antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0.



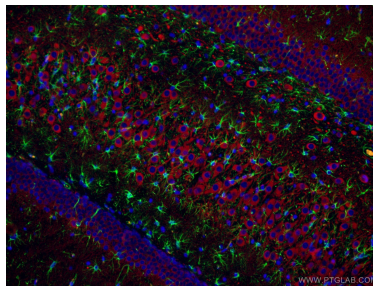
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 60190-1-Ig (GFAP Antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0.



Various lysates were subjected to SDS PAGE followed by western blot with 60190-1-Ig (GFAP antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours.



IP Result of anti-GFAP (IP:60190-1-Ig, 5ug; Detection:60190-1-Ig 1:1000) with mouse brain tissue lysate 2640ug.



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using 60190-1-Ig (GFAP antibody) at dilution of 1:200 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).