

## Product Datasheet

### GFAP Rabbit Polyclonal Antibody (orb196252)

<b>Catalog Number</b>	orb196252
<b>Category</b>	Antibodies
<b>Description</b>	GFAP Rabbit Polyclonal Antibody
<b>Target</b>	Glial fibrillary acidic protein
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
<b>Buffer/Preservatives</b>	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.01mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
<b>Reconstitution</b>	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
<b>Purification</b>	Immunogen affinity purified.

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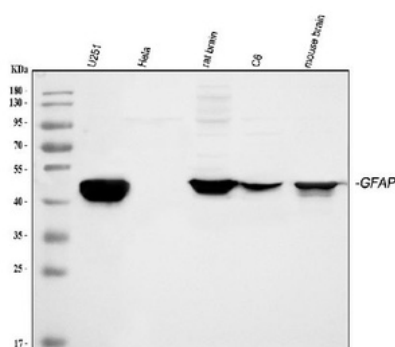
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<b>Immunogen</b>	E.coli-derived human GFAP recombinant protein (Position: Q93-M432). Human GFAP shares 94% amino acid (aa) sequence identity with both mouse and rat GFAP.
<b>UniProt ID</b>	<b>P14136</b>
<b>MW</b>	50 kDa
<b>Tested applications</b>	IF, IHC, WB
<b>Dilution range</b>	Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human, Mouse, Rat, Pig Immunofluorescence, 5µg/ml, Rat
<b>Specificity</b>	No cross reactivity with other proteins.
<b>Cross Reactivity</b>	No cross-reactivity with other proteins
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



WB analysis of GFAP using anti-GFAP antibody. Lane 1: human U251 cell; 2: human HeLa cell; 3: rat brain tissue; 4: rat C5 cell; 5: mouse brain tissue.

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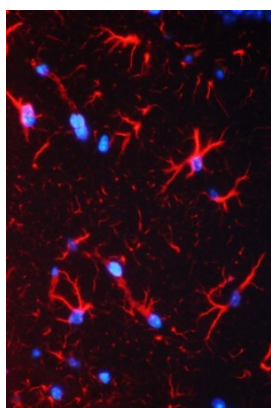
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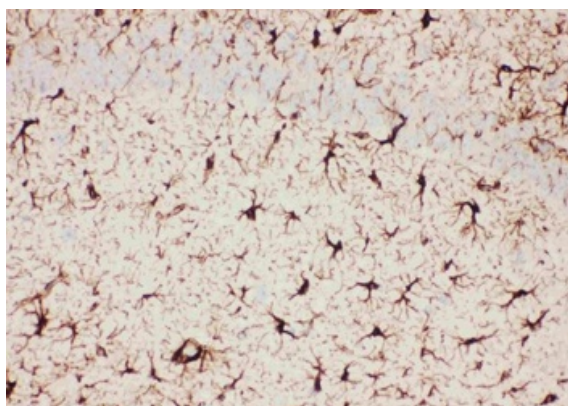
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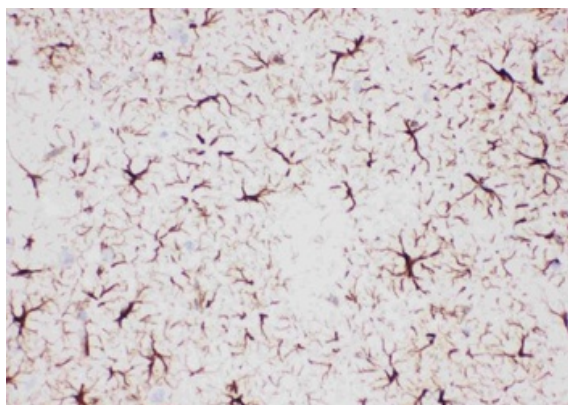
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IF analysis of GFAP using anti-GFAP antibody. GFAP was detected in paraffin-embedded section of mouse brain tissues.



IHC analysis of GFAP using anti-GFAP antibody. GFAP was detected in paraffin-embedded section of Mouse Brain Tissue.



IHC analysis of GFAP using anti-GFAP antibody. GFAP was detected in paraffin-embedded section of Rat Brain Tissue.

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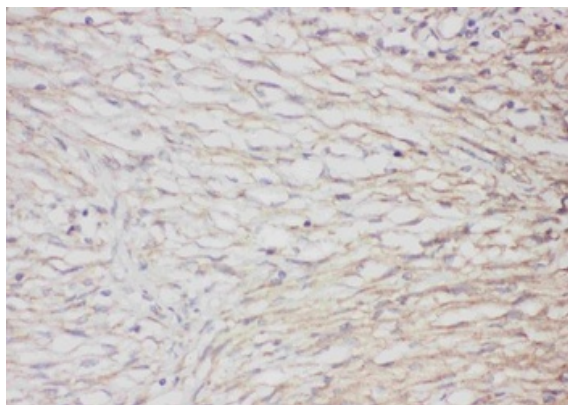
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IHC analysis of GFAP using anti-GFAP antibody. GFAP was detected in paraffin-embedded section of Human meningioma Tissue.

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