

Product Datasheet

Tau Rabbit Polyclonal Antibody (orb1294394)

Catalog Number	orb1294394
Category	Antibodies
Description	Rabbit polyclonal antibody to Tau
Target	Tau
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit-IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Buffer/Preservatives	100mM Tris Glycine, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
Immunogen	Synthetic peptide / encompassing a sequence within the C-terminus region.
Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	Western Blot 1:3000 - 1:5000, Immunofluorescence 1:200 - 1:500, Immunohistochemistry (Paraffin) 1:200 - 1:300, Immunohistochemistry (Frozen) 1:200 - 1:400
Antibody Type	Primary Antibody
Storage	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.
Note	For research use only

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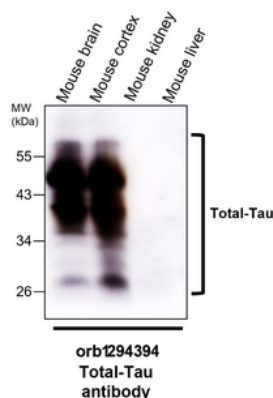
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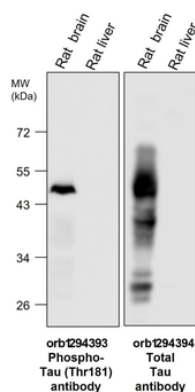
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Expiration Date 12 months from date of receipt.



All lanes: Anti-Tau antibody Lysates/proteins at 45 µg per lane. This blot was produced using a 10% SDS-PAGE. Nitrocellulose membrane was then blocked for an hour before being incubated with orb1294394 overnight at 4°C.



Anti-Tau antibody Lysates at 40 µg per lane. This blot was produced using a 10% SDS-PAGE. Nitrocellulose membrane was then blocked for an hour before being incubated with orb1294394 overnight at 4°C.



Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with orb1294394 anti-Tau antibody (red) at 1:200 and 4°C. DAPI (blue) was used as the nuclear counter stain.

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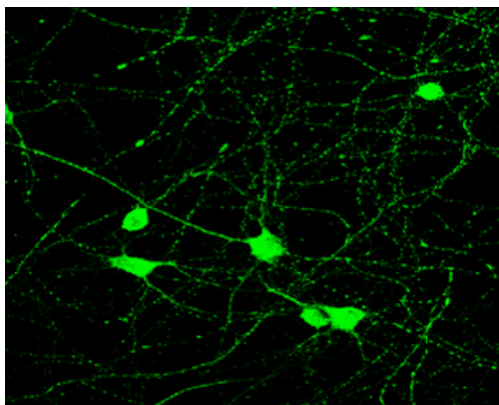
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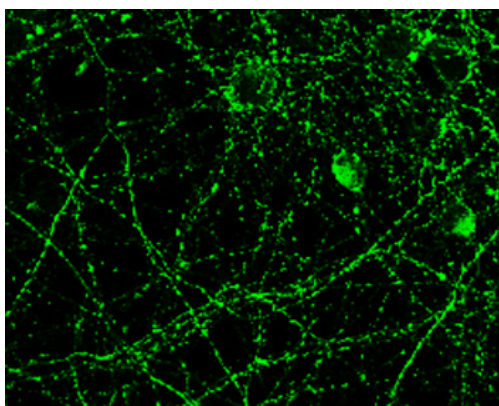
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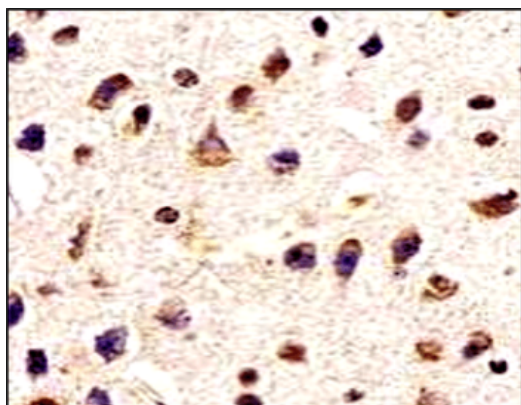
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Immunofluorescent analysis. Sample: primary cortical neurons, Tau antibody (orb1294394): 1-300, Anti-rabbit 488: 1-500, Fixed: 4% paraformaldehyde at RT for 20 min.



Immunofluorescent analysis. Sample: primary cortical neurons, Tau antibody (orb1294394): 1-300, Anti-rabbit 488: 1-500, Fixed: 4% paraformaldehyde at RT for 20 min.



Immunohistochemical analysis of paraffin embedded Human astroglioma tissue labeling Tau with orb1294394 at 1/300.

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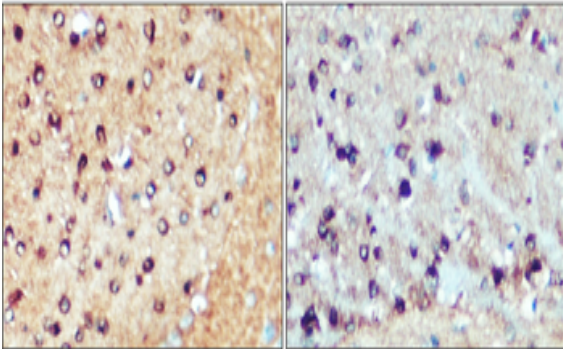
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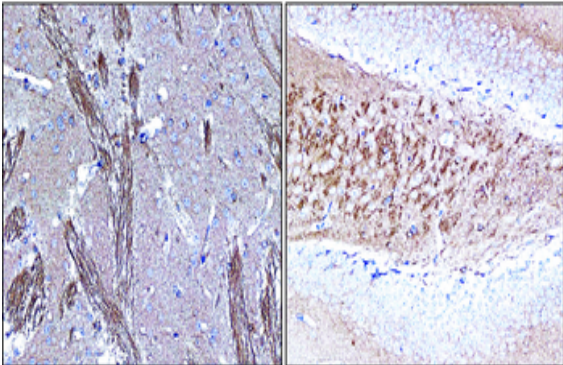
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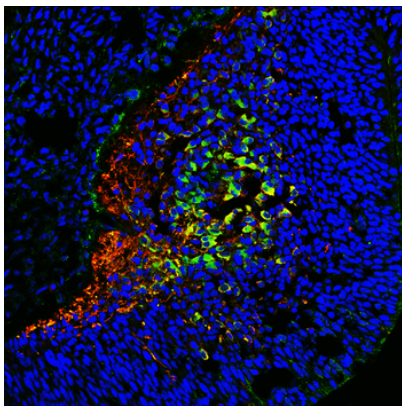
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Human brain

Immunohistochemical analysis of paraffin embedded Human brain tissue labeling Tau with orb1294394 at 1/200.

Mouse Alzheimer's brain

Immunohistochemical analysis of paraffin embedded mouse Alzheimer's tissue labeling Tau with orb1294394 at 1/1000 RT 1hr. Epitope Retrieval methods: Citrate Buffer, pH 6.0.



Immunohistochemical of frozen sections. Sample: mouse cerebellum. Green: Tau antibody (orb1294394): 1-300, Anti-rabbit 488: 1-500, DAPI (blue) was used as the nuclear counter stain.

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