

Product Datasheet

GSK-3 Beta Mouse Monoclonal Antibody (orb500627)

Catalog Number	orb500627
Category	Antibodies
Description	GSK-3 Beta Mouse Monoclonal Antibody
Target	GSK3B
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein G
Immunogen	KLH conjugated synthetic peptide derived from human GSK-3 Beta
UniProt ID	P49841
MW	47 kDa

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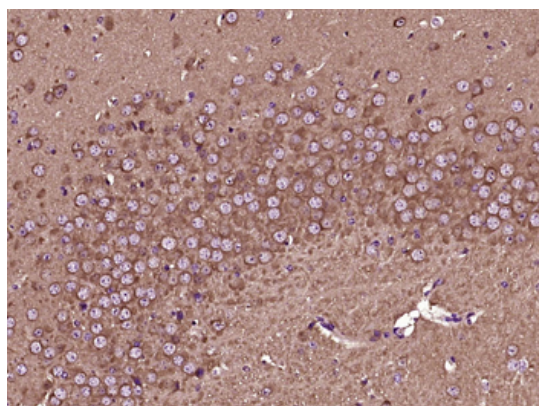
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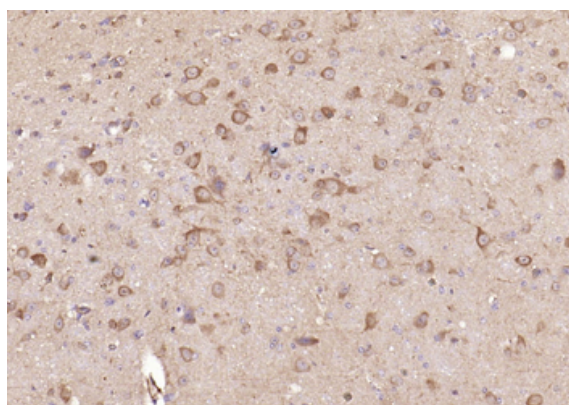
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Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:200-500
Antibody Type	Primary Antibody
Clone Number	B5C8
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GSK-3 Beta) Monoclonal Antibody, Unconjugated (ascites of orb500627 3A6) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.



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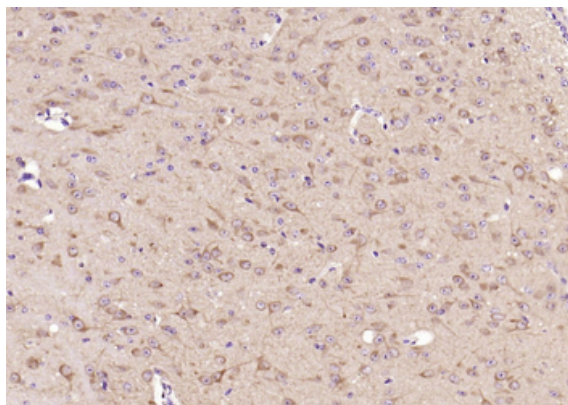
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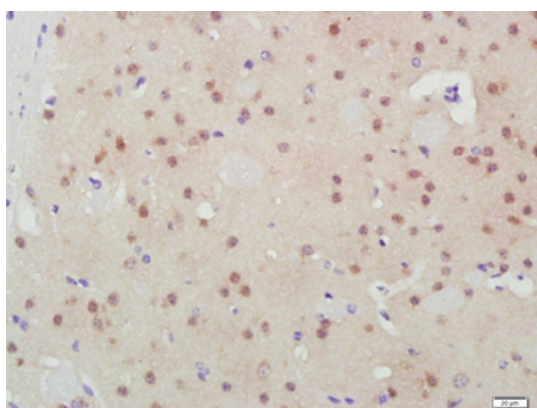
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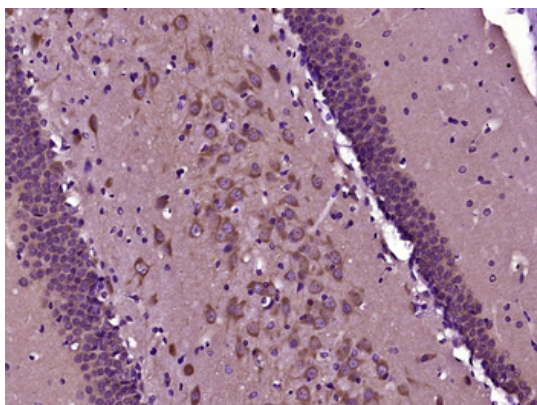
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Paraformaldehyde-fixed, paraffin embedded (Rat brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (GSK-3 Beta) Monoclonal Antibody, Unconjugated (ascites of orb500627 3A6) at 1:2000 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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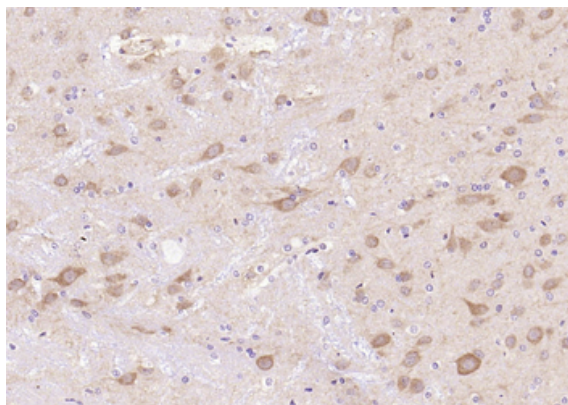
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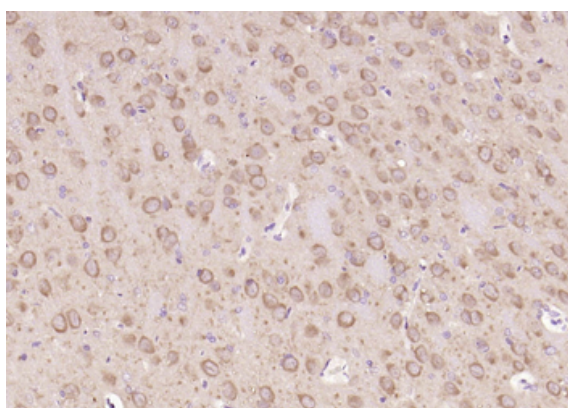
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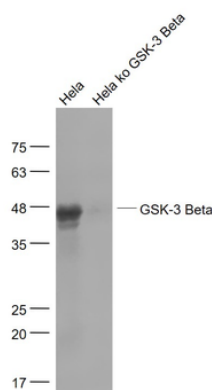
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Sample: HeLa (Human) Cell Lysate at 30 ug, HeLa ko GSK-3 Beta (Human) Cell Lysate at 30 ug, Primary: Anti-GSK-3 Beta (orb500627) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 47 kD, Observed band size: 47 kD.

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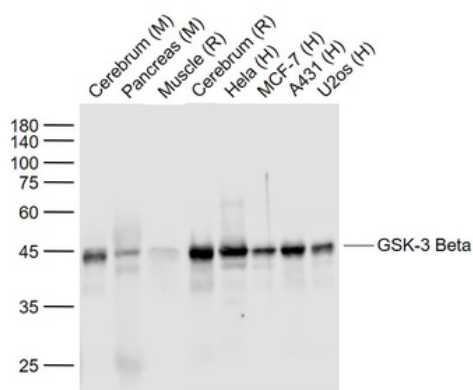
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Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug, Lane 2: Pancreas (Mouse) Lysate at 40 ug, Lane 3: Muscle (Rat) Lysate at 40 ug, Lane 4: Cerebrum (Rat) Lysate at 40 ug, Lane 5: HeLa (Human) Cell Lysate at 30 ug, Lane 6: MCF-7 (Human) Cell Lysate at 30 ug, Lane 7: A431 (Human) Cell Lysate at 30 ug, Lane 8: U2os (Human) Cell Lysate at 30 ug, Primary: Anti-GSK-3 Beta (orb500627) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 47 kD, Observed band size: 45 kD.

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