

## Product Datasheet

### LC3 Rabbit Polyclonal Antibody (orb500748)

<b>Catalog Number</b>	orb500748
<b>Category</b>	Antibodies
<b>Description</b>	LC3 Rabbit Polyclonal Antibody
<b>Target</b>	MAP1LC3A
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Mouse
<b>Predicted Reactivity</b>	Bovine, Equine, Human, Porcine, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human LC3 (31-121/121aa)
<b>UniProt ID</b>	<b>Q9H492</b>
<b>MW</b>	16 kDa
<b>Tested applications</b>	WB

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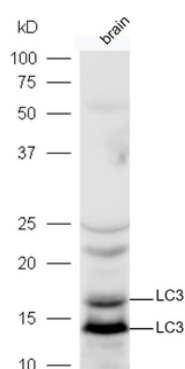
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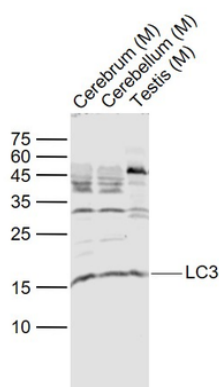
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<b>Dilution range</b>	WB=1:500-2000
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Protein: mouse brain lysates at 40 ug, Primary: rabbit Anti-LC3 (orb500748) at 1:300, Secondary: HRP conjugated Goat-Anti-rabbit IgG (orb572747) at 1:5000, Predicted band size: 14 kD  
Observed band size: 14, 16 kD.



Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug, Lane 2: Cerebellum (Mouse) Lysate at 40 ug, Lane 3: Testis (Mouse) Lysate at 40 ug, Primary: Anti-LC3 (orb500748) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 17/14 kD, Observed band size: 17 kD.

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