

Product Datasheet

LC3 Rabbit Polyclonal Antibody (orb33328)

Catalog Number	orb33328
Category	Antibodies
Description	LC3 Rabbit Polyclonal Antibody is an unconjugated antibody that specifically recognizes LC3. Generated against a KLH conjugated synthetic peptide derived from human LC3. The peptide is available as orb12928. It is supplied in liquid form and exhibits reactivity with Human, Mouse and Rat samples. The suitable applications for this antibody are ICC, IF, IHC-P and WB.
Target	LC3
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine
Form/Appearance	10 mM PBS, 0.02% sodium azide
Concentration	- 100 µg (in 200 µl): 0.5 mg/ml- 200 µg (in 400 µl): 0.5 mg/ml
Purity	Polyclonal antibodies are purified by peptide affinity chromatography
Immunogen	KLH conjugated synthetic peptide derived from human LC3. Please contact us for the exact immunogen sequence. The peptide is available as orb12928.
UniProt ID	Q9GZQ8

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7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

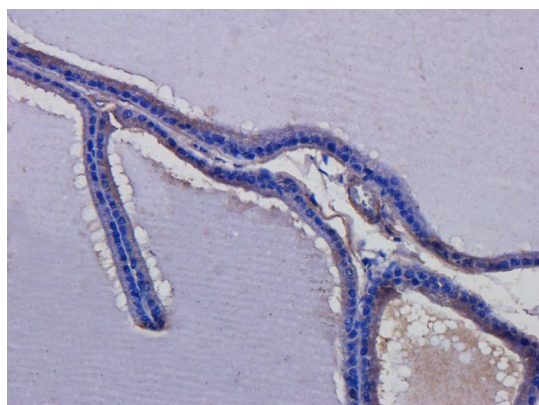
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

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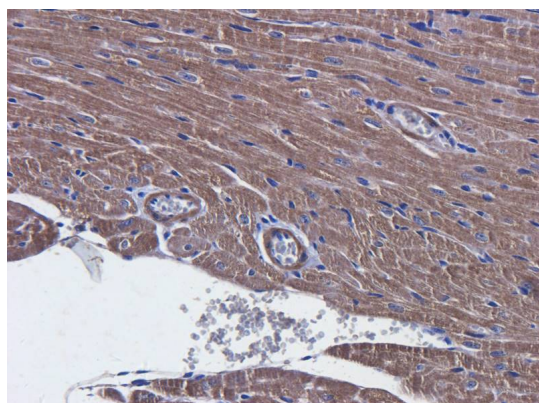
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Durham
NC 27713-2847
United States

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RRID	AB_10995488
MW	14 kDa
Tested applications	ICC, IF, IHC-P, WB
Dilution range	IF/ICC: 1:100-800, IHC-P: 1:100-800, WB: 1:200-2000
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
Entrez	81631
Expiration Date	12 months from date of receipt.



IHC-P image of rat prostate tissue using LC3 antibody (dilution of primary antibody at 2.5 ug/ml)



Immunohistochemical staining of mouse heart tissue using LC3 antibody (dilution of primary antibody - 2.5 ug/ml)

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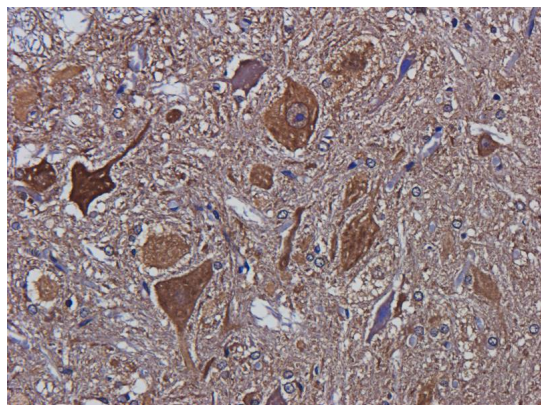
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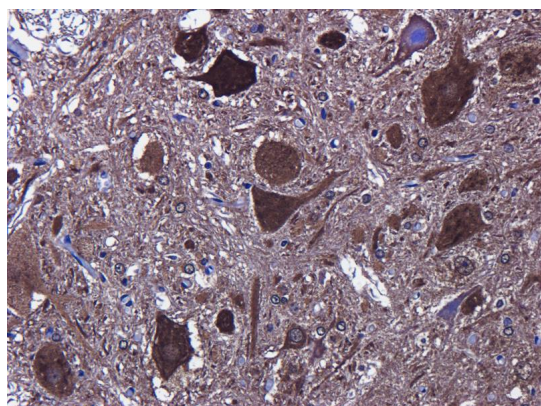
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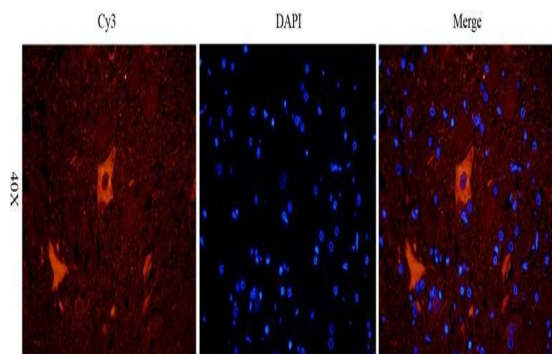
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Immunohistochemical staining of rat spinal cord tissue using anti- LC3 (dilution of primary antibody - 2.5 ug/ml)



IHC-P staining of rat spinal cord tissue using LC3 antibody (dilution at 2.5 ug/ml)



Immunofluorescence image of rat spinal cord tissue using anti-LC3 (dilution at 2.5 ug/ml)

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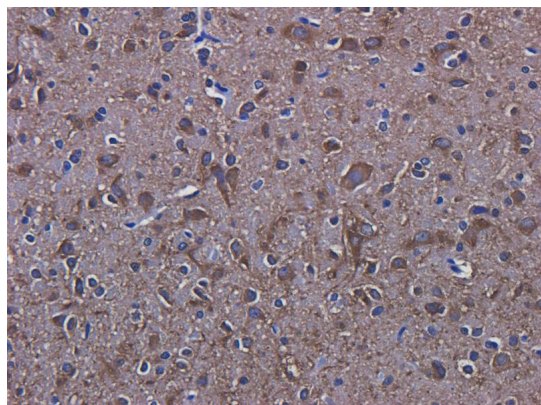
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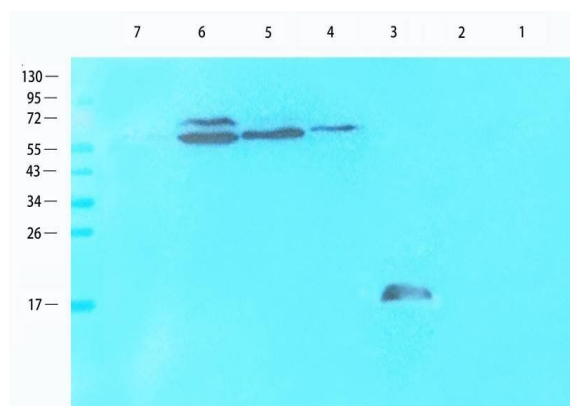
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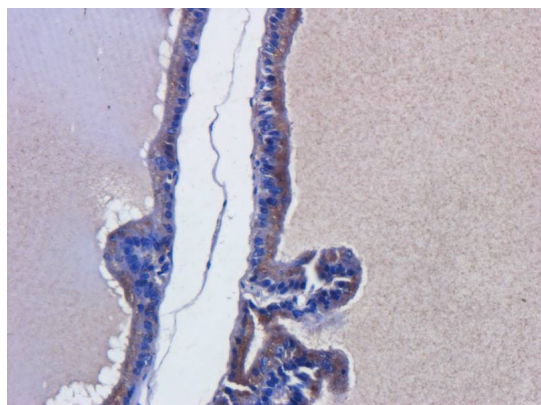
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Immunohistochemical staining of paraffin embedded rat brain tissue using LC3 antibody (primary antibody at 2.5 ug/ml)



WB analysis of U251 cells (lane 1), 293T cells (lane 2), mouse brain (lane 3), rat spinal cord (lane 4), rat heart (lane 5), mouse uterus (lane 6), rat bladder (lane 7) using LC3 antibody (1 ug/ml)



Immunohistochemical staining of paraffin embedded rat prostate tissue using LC3 antibody (primary antibody at 2.5 ug/ml)

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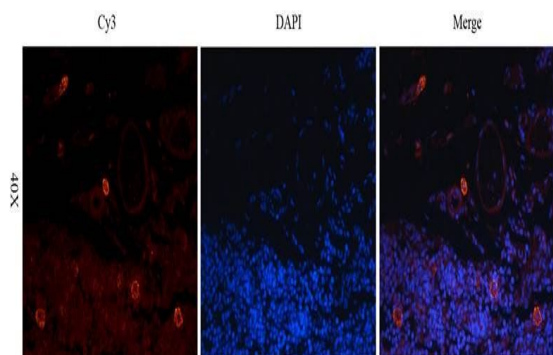
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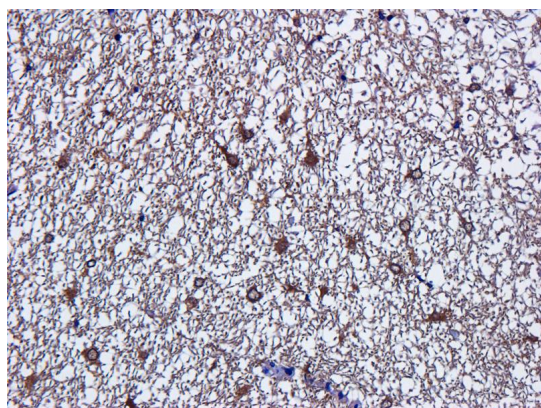
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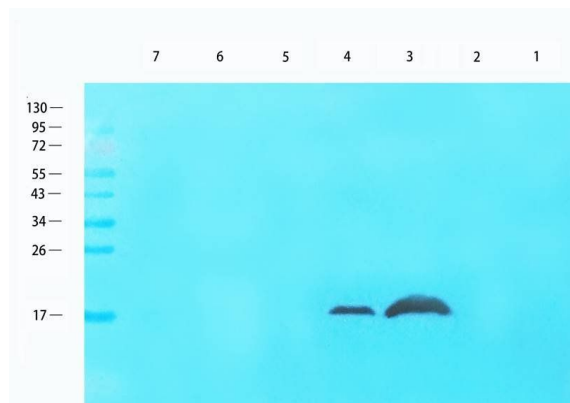
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IF image of rat thymus tissue using LC3 antibody (primary antibody at 2.5 ug/ml)



IHC-P image of rat spinal cord tissue using LC3 antibody (dilution of primary antibody at 2.5 ug/ml)



Western blot analysis of U251 cells (lane 1), 293T cells (lane 2), mouse brain (lane 3), rat spinal cord (lane 4), rat heart (lane 5), mouse uterus (lane 6), rat bladder (lane 7) using LC3 antibody (1 ug/ml)

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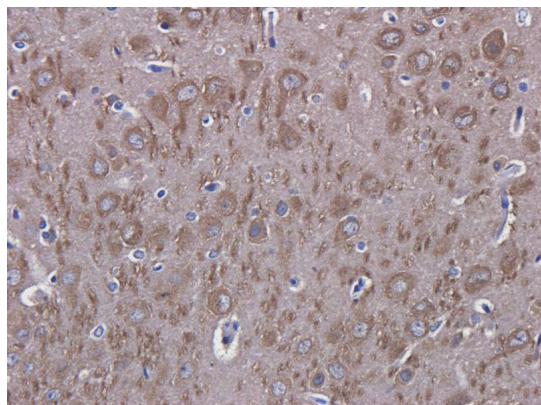
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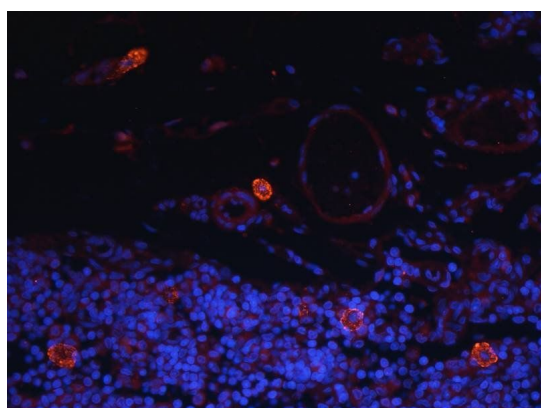
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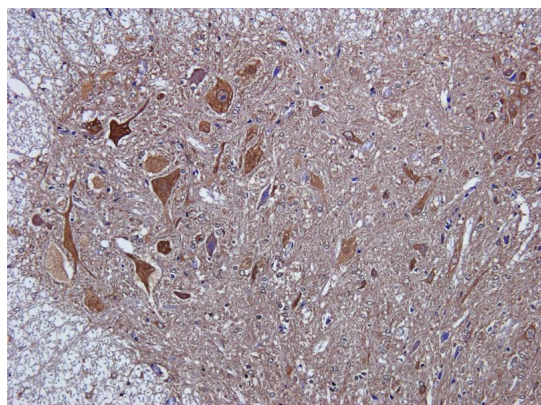
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IHC-P staining of rat brain tissue using anti- LC3 (dilution at 2.5 ug/ml)



IF analysis of rat thymus tissue using LC3 antibody (dilution of primary antibody at 2.5 ug/ml)



Immunohistochemical staining of rat spinal cord tissue using anti- LC3 (dilution of primary antibody - 2.5 ug/ml)

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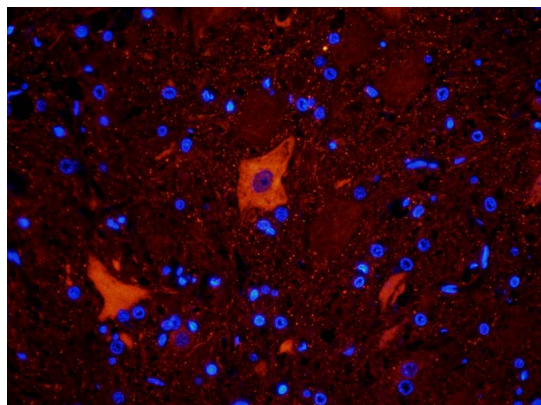
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Immunofluorescence analysis of rat spinal cord tissue using LC3 antibody (dilution of primary antibody - 2.5 ug/ml)

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