

## Product Datasheet

### Actin $\alpha$ 3 rabbit pAb Antibody (orb764466)

|                             |                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb764466                                                                                                                                                    |
| <b>Category</b>             | Antibodies                                                                                                                                                   |
| <b>Description</b>          | Rabbit polyclonal antibody to Actin alpha3                                                                                                                   |
| <b>Clonality</b>            | Polyclonal                                                                                                                                                   |
| <b>Isotype</b>              | IgG                                                                                                                                                          |
| <b>Conjugation</b>          | Unconjugated                                                                                                                                                 |
| <b>Reactivity</b>           | Human, Mouse, Rat                                                                                                                                            |
| <b>Concentration</b>        | 1 mg/ml                                                                                                                                                      |
| <b>Buffer/Preservatives</b> | PBS with 0.02% sodium azide and 50% glycerol pH 7.4.                                                                                                         |
| <b>Purification</b>         | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                        |
| <b>Immunogen</b>            | The antiserum was produced against synthesized peptide derived from human Actin-gamma2. AA range:1-50                                                        |
| <b>MW</b>                   | 45                                                                                                                                                           |
| <b>Tested applications</b>  | ELISA, IF, IHC, WB                                                                                                                                           |
| <b>Dilution range</b>       | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. |
| <b>Source</b>               | Rabbit                                                                                                                                                       |

#### Biorbyt Ltd.

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

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

#### Biorbyt LLC

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

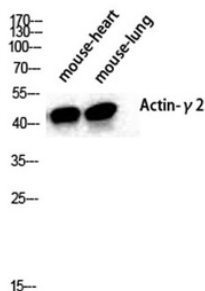
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

**Storage**

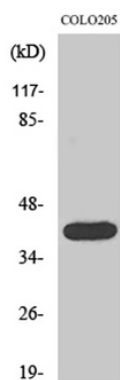
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

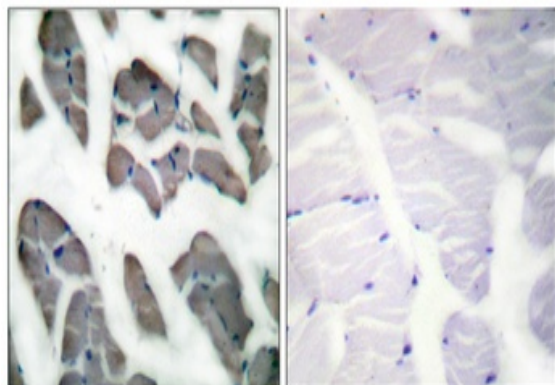
For research use only



Western Blot analysis of various cells using Actin  $\alpha$ 3 Polyclonal Antibody diluted at 1:2000.



Western Blot analysis of COLO205 cells using Actin  $\alpha$ 3 Polyclonal Antibody diluted at 1:2000.



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using Actin- $\gamma$ 2 Antibody. The picture on the right is blocked with the synthesized peptide.

**Biorbyt Ltd.**

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

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

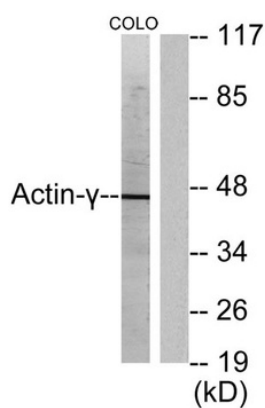
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Western blot analysis of lysates from COLO205 cells, using Actin-gamma2 Antibody. The lane on the right is blocked with the synthesized peptide.

**Biorbyt Ltd.**

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

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)