

## Product Datasheet

### Atf4 Rabbit Polyclonal Antibody (orb576181)

<b>Catalog Number</b>	orb576181
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to Atf4
<b>Target</b>	Atf4
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Mouse
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Guinea pig, Human, Rat, Sheep
<b>Form/Appearance</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Concentration</b>	0.5 mg/ml
<b>Buffer/Preservatives</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Purification</b>	Affinity Purified
<b>Immunogen</b>	The immunogen is a synthetic peptide corresponding to a region of Mouse
<b>Protein Sequence</b>	Synthetic peptide located within the following region: TRYRQKKRAEQEALTGECKELEKKNEALKEKADSLAKEIQYLKDLIEEVR
<b>UniProt ID</b>	<b>Q5U4B2</b>

**Biorbyt Ltd.**

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

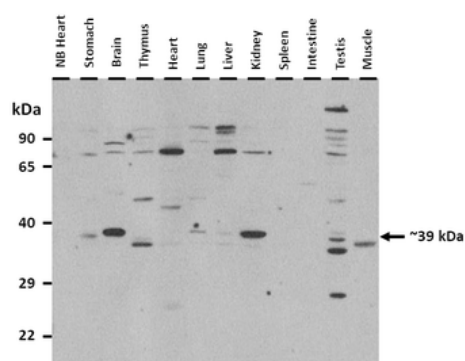
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

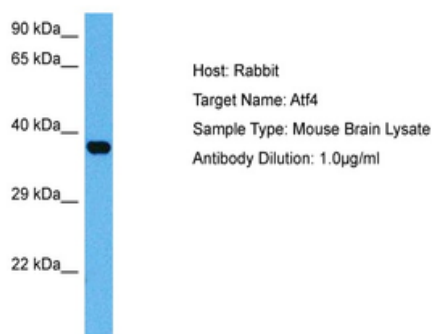
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

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)

<b>MW</b>	39 kDa
<b>Tested applications</b>	IF, WB
<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>NCBI</b>	<b>NP_033846</b>
<b>Expiration Date</b>	12 months from date of receipt.



25 ug of the indicated Mouse tissue extracts was loaded onto a 12% SDS-PAGE gel. 3 ug/ml of the antibody was used in this experiment. An isoform containing the peptide sequence is present at ~46 kDa. Protein is modified by phosphorylation.



Sample Tissue: Mouse Brain, Antibody Dilution: 1 ug/ml.

**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)

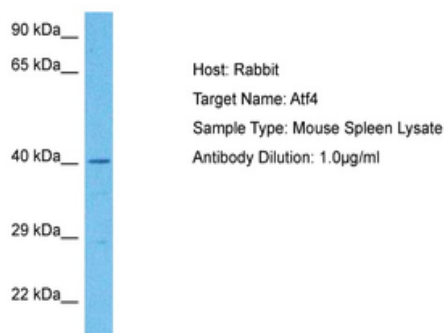
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

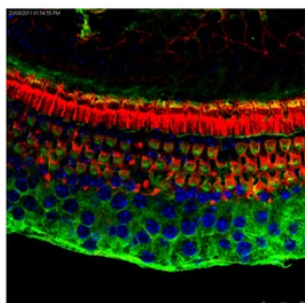
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

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

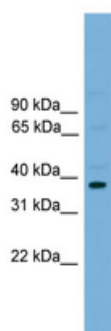
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Sample Tissue: Mouse Mouse Spleen, Antibody Dilution: 2 ug/ml.



Mouse organ of Corti labeled with orb576181 (anti-ATF4) in green, rhodamine phalloidin in red and DAPI in blue. Antibody dilution: 1:100.



WB Suggested Anti-Atf4 Antibody Titration: 0.2-1 ug/ml, Positive Control: Mouse Brain.

**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