

## Product Datasheet

### ERK4 Antibody (C-term) (orb1929203)

<b>Catalog Number</b>	orb1929203
<b>Category</b>	Antibodies
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	MAPK4
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Immunogen</b>	This ERK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 527-557 amino acids from the C-terminal region of human ERK4. Antigen Region: 527-557 aa.
<b>UniProt ID</b>	<b>P31152</b>
<b>MW</b>	65922 Da
<b>Tested applications</b>	IHC-P, WB
<b>Dilution range</b>	WB - 1:1000, IHC-P - 1:10-50
<b>Antibody Type</b>	Primary Antibody

**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)6518558)

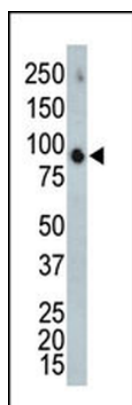
**Biorbyt LLC**

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

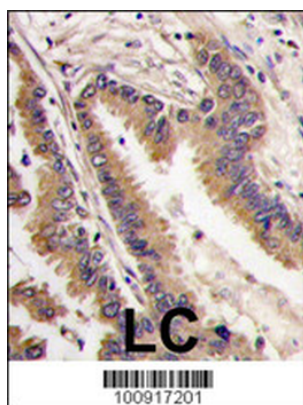
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

<b>Clone Number</b>	BTD2139
<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_002738.2</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of anti-ERK4 Pab in mouse brain tissue lysate. ERK4 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with ERK4 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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