

Phospho-4E-BP1 (Ser65)

Vendor: Cell Signaling Technology

Catalog #: 9451

[View Antibody Link](#)

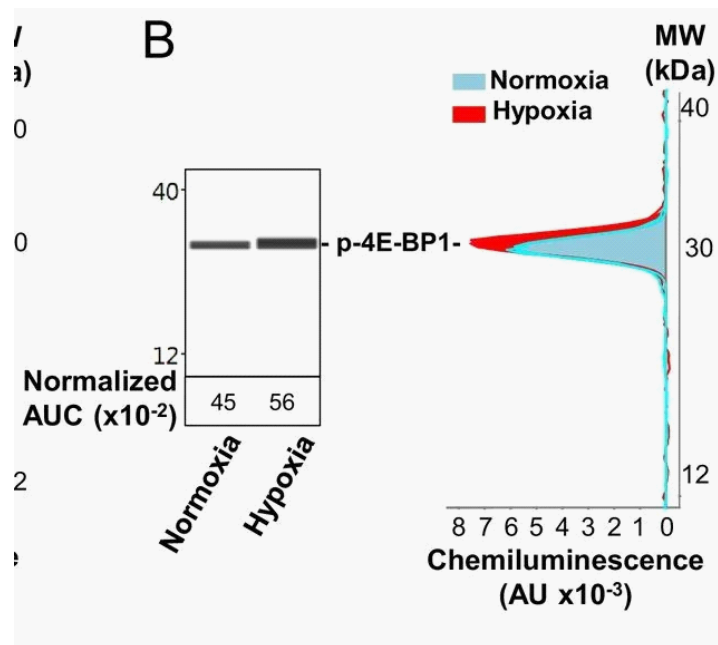


Figure 2B: Capillary electrophoresis immunodetection of 4E-BP1 and eIF2 α . (A–C) 4E-BP1 expression (A) and phosphorylation (B), as well as eIF2 α expression (C), in normoxia and hypoxia (8 hr) were analyzed and quantified by capillary Simple Western, as described in 'Materials and methods'. The quantified values, expressed in arbitrary units of luminescence (AUC), are normalized to total proteins. Analysis of eIF2 α phosphorylation is shown in Figure 2. Three independent experiments were performed; a representative experiment is shown.

Image collected and cropped by CiteAb from: [Elife. 2019 Dec 9;8:e50094. doi: 10.7554/eLife.50094.](https://doi.org/10.7554/eLife.50094)

Under copyright license: CC BY

Antibody

Name: Phospho-4E-BP1 (Ser65) Antibody
 Reactant: Rat, H, M, Mouse, R, Non-Human Primate, Human, Mk
 Antibody Type: Primary
 Host: Rabbit
 Clonality: Polyclonal
 Alternate Identifier: AB_330947

Assay

Antibody Dilution: 1:50
 Separation Type: Size
 Observed kDa: 27-31
 Sample Type: K562 +/- Gleevec lysed in Bicine CHAPS, EGF stimulated MCF10A, Ly294002 inhibited MCF7, K562-/Gleevec

Publications (4)

Citation

Cell Rep. 2023 Jan 31;42(1):111990.

Elife. 2019 Dec 9;8:e50094.

Cell Stress Chaperones. 2014 Jul;19(4):465-77.

Biochem Biophys Res Commun. 2013 Mar 15;432(3):466-71.

PMID

[36640300](#)

[31815666](#)

[24198165](#)

[23410756](#)

DOI

[10.1016/j.celrep.2023.111990](#)

[10.7554/eLife.50094](#)

[10.1007/s12192-013-0473-4](#)

[10.1016/j.bbrc.2013.01.121](#)

For additional information on this antibody: [View antibody link.](#)

This antibody is certified for Simple Western™ technology. Visit the links below to learn about Simple Western technology, find validated antibodies, or submit new antibody validation data. For questions or support, please contact: instrument.support@bio-techne.com

[Simple Western Systems](#)

[Simple Western Antibody Database](#)

[Submit Antibody Validation Data](#)

R&Dsystems by **biotechne**

For Research Use or Manufacturing Purposes Only.

R&D Systems™ and Bio-Techne® are trademarks or registered trademarks of Bio-Techne Corporation and affiliated entities. All other trademarks, service marks, and trade names are the property of their respective owners. Any use of third-party names, logos, or marks does not imply affiliation, sponsorship, or endorsement. © 2026 Bio-Techne.