R&D systems
by biotechne

Simple Western Antibody Datasheet

Phospho-4E-BP1 (Ser65)

Vendor: Cell Signaling Technology

Catalog #: 9451

View Antibody Link

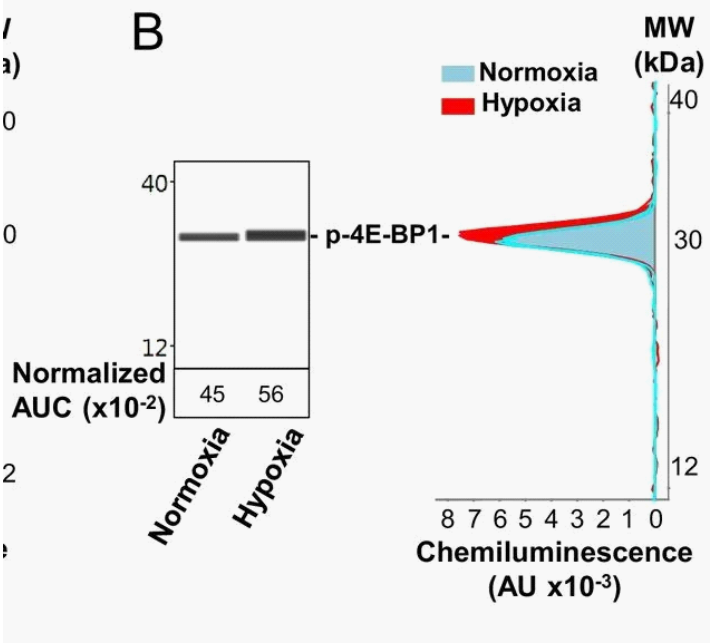

Figure 2B: Capillary electrophoresis immunodetection of 4E-BP1 and eIF2α.(A–C) 4E-BP1 expression (A) and phosphorylation (B), as well as eIF2α expression (C), in normoxia and hypoxia (8 hr) were analyzed and quantified by capillary Simple Western, as described in 'Materials and methods'. The quantified values, expressed in arbitrary units of luminescence (AUC), are normalized to total proteins. Analysis of eIF2α phosphorylation is shown in Figure 2. Three independent experiments were performed; a representative experiment is shown.

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	PMID	DOI
Cell Rep. 2023 Jan 31;42(1):111990.	36640300	10.1016/j.celrep.2023.111990
Elife. 2019 Dec 9;8:e50094.	31815666	10.7554/eLife.50094
Cell Stress Chaperones. 2014 Jul;19(4):465-77.	24198165	10.1007/s12192-013-0473-4
Biochem Biophys Res Commun. 2013 Mar 15;432(3):466-71.	23410756	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&D systems by bio-techne