

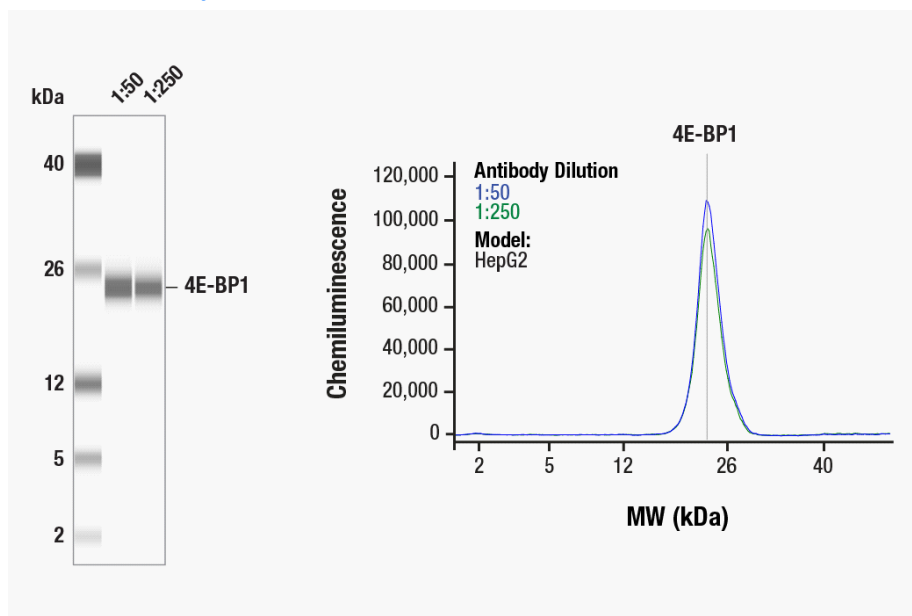
Simple Western Certified Antibody Datasheet

4E-BP1

Vendor: Cell Signaling Technology

Catalog #: 9644

[View Antibody Link](#)



Simple Western™ analysis of lysates (0.1 mg/mL) from HepG2 cells using 4E-BP1 (53H11) Rabbit mAb #9644. The virtual lane view (left) shows the target band (as indicated) at 1:50 and 1:250 dilutions of primary antibody. The corresponding electropherogram view (right) plots chemiluminescence by molecular weight along the capillary at 1:50 (blue line) and 1:250 (green line) dilutions of primary antibody. This experiment was performed under reducing conditions on the Jess™ Simple Western instrument from R&D Systems, a Bio-Techne brand, using the 2–40 kDa Separation Module. Certified by Cell Signaling Technology

Antibody

Name:	4E-BP1 (53H11) Rabbit mAb
Host:	Rabbit
Clonality:	Monoclonal
Type:	Primary
Dilution:	1:50–1:250 (recommended by CST)
Sample Concentration:	0.1 mg/mL (recommended by CST)

Assay

Type:	Size
Matrix:	2–40 kDa
Observed kDa:	24
Sample Type:	HepG2

Publications (7)

Citation

Neoplasia. 2024 Nov;57:101045.

Int J Mol Sci. 2023 Nov 2;24(21):15918.

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

Nature. 2021 Apr;592(7856):794-798.

Nutrients. 2020 Jan 30;12(2):357.

Molecules. 2019 Jun 27;24(13):2383.

Sci Rep. 2018 Feb 26;8(1):3606.

PMID

[39236400](#)

[37958901](#)

[36640300](#)

[33854239](#)

[32019055](#)

[31252611](#)

[29483581](#)

DOI

[10.1016/j.neo.2024.101045](#)

[10.3390/ijms242115918](#)

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

[10.1038/s41586-021-03474-7](#)

[10.3390/nu12020357](#)

[10.3390/molecules24132383](#)

[10.1038/s41598-018-22082-6](#)

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 more information, contact: instrument.support@bio-techne.com

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