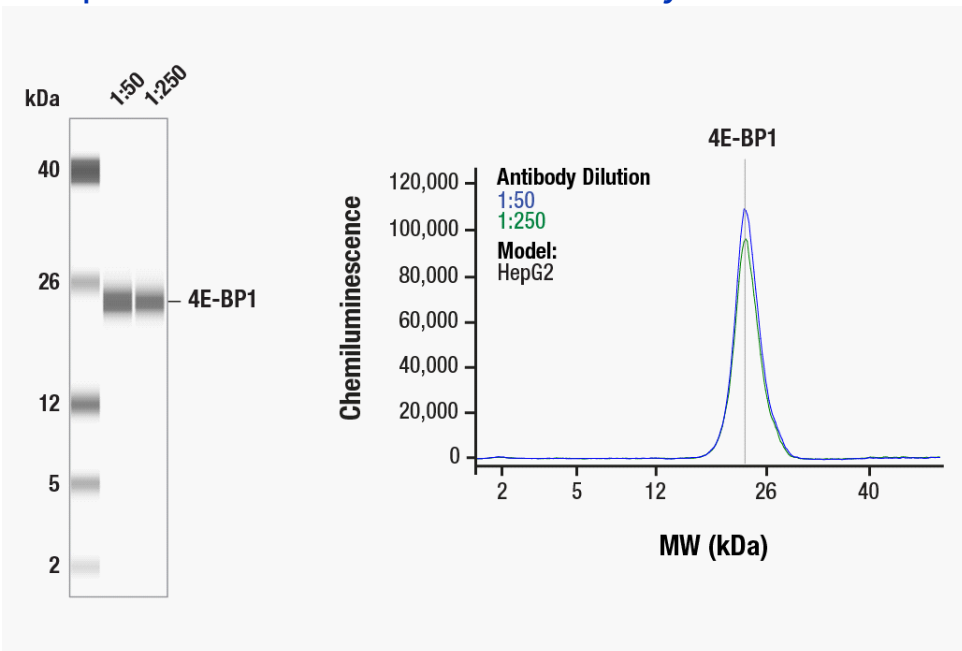


## Simple Western Certified Antibody Datasheet



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 ProteinSimple, 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 (5 found)	Sci Rep. 2018 Feb 26;8(1):3606. // Nutrients. 2020 Jan 30;12(2):357. // 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.

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

This antibody is certified for Simple Western™ technology. To learn about Simple Western technology, available antibodies, or to submit new antibodies, visit the links below. For additional information, please contact:

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