

## SIMPLE WESTERN CERTIFIED ANTIBODY DATASHEET

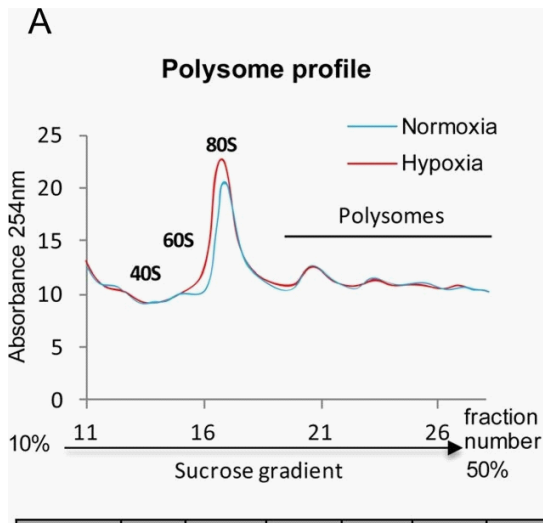


Figure 2A: Capillary electrophoresis immunodetection of 4E-BP1 and eIF2 $\alpha$ . (A–C) 4E-BP1 expression (A) and phosphorylation (B), as well as eIF2 $\alpha$  expression (C), in normoxia and hypoxia (8 hr) were analyzed and quantified by capillary Simple Western, as described in 'Materials and methods'.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

See reference below for more information.

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### Target/Antibody

Antibody Target/Name	Eukaryotic translation initiation factor 4E-binding protein 1
Isoform	
Reactant	Rattus norvegicus (Rat)
Antibody Type	Primary
Host Species/Clonality	Rabbit Polyclonal

### Assay

Sample Type	Muscle
Antibody Dilution/Concentration	Not stated
Detection Mode	Chemiluminescence
Separation Type	SW - Size
Matrix	Not stated
Observed kDa or pI	Not stated
Publications [5 total]	[1] J Dairy Sci. 2021 Feb;104(2):1336-1350. [2] J Nutr Biochem. 2020 Mar;77:108305. [3] Int J Obes (Lond). 2020 Nov;44(11):2203-2212. [4] Am J Physiol Heart Circ Physiol. 2021 Mar 1;320(3):H980-H990. [5] Elife. 2019 Dec 9;8:e50094.

For additional information on this antibody: [View Antibody Link](#)

This antibody is certified for Gel-Free, Blot Free, Hands Free Simple Western Systems. To learn about Simple Western Systems, available Simple Western antibodies, or new antibody submissions visit the links below. For additional information, please contact

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