

Supplementary data to:

**NEUROPROTECTIVE MECHANISM OF LOW-DOSE SODIUM
NITRITE IN OXYGEN-GLUCOSE DEPRIVATION MODEL OF
CEREBRAL ISCHEMIC STROKE IN PC12 CELLS**

Nader Shakib¹, Mohammad Hassan Khadem Ansari^{1*}, Pouran Karimi^{2*}, Yousef Rasmi¹

¹ Department of Biochemistry, Faculty of Medicine, Urmia University of Medical Sciences, Urmia, Iran

² Neurosciences Research Center (NSRC), Tabriz University of Medical Sciences, Tabriz, Iran

* Corresponding authors: Dr. Mohammad Hassan Khadem Ansari, Department of Biochemistry, Faculty of Medicine, Urmia University of Medical Sciences, Urmia, Iran; E-mail: ansari_mh@umsu.ac.ir;
Dr. Pouran Karimi, Neurosciences Research Center (NSRC), Tabriz University of Medical Sciences, Tabriz, Iran; E-mail: karimip@tbzmed.ac.ir

<http://dx.doi.org/10.17179/excli2018-1947>

This is an Open Access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/4.0/>).

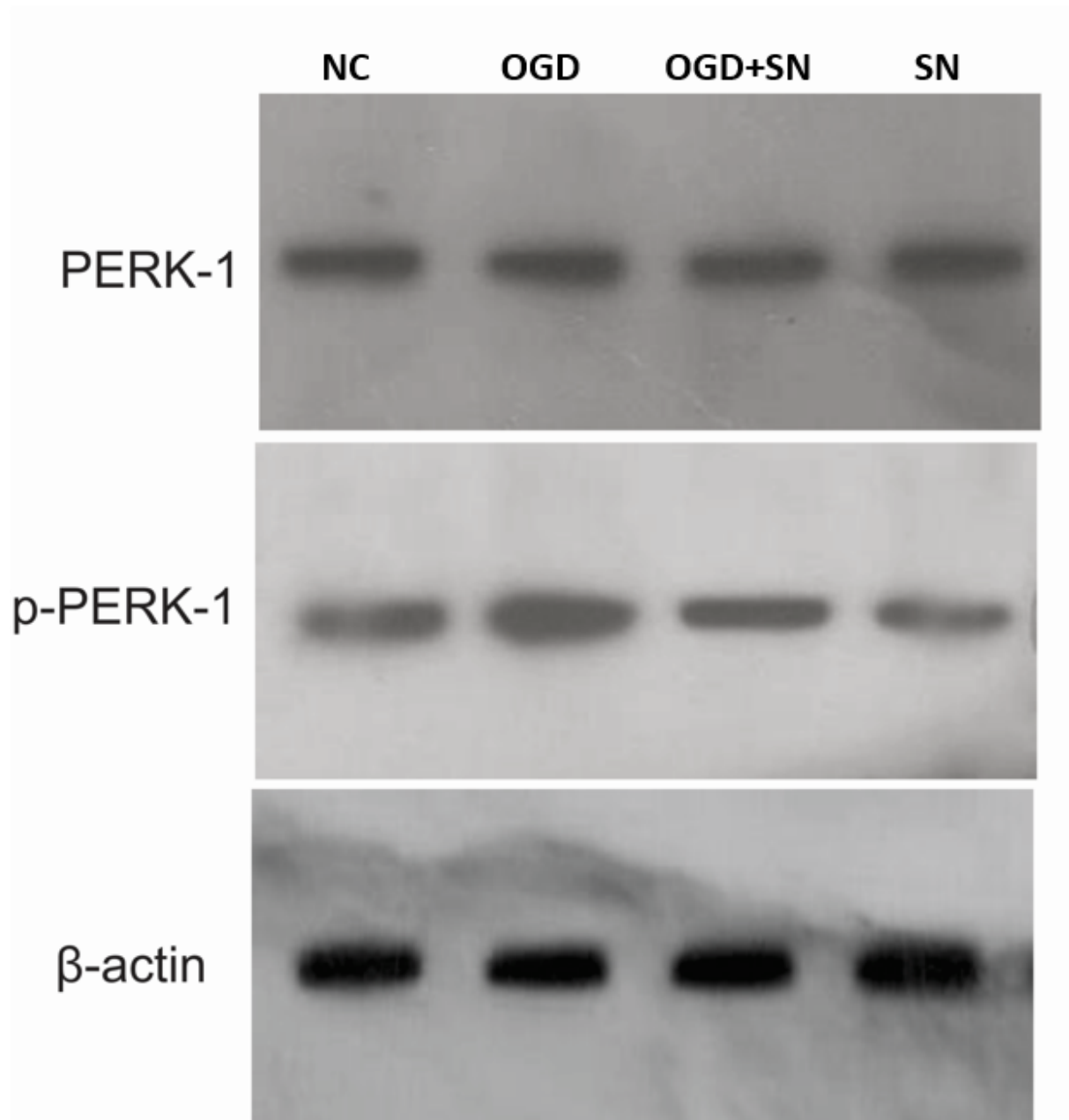


Figure 1: Immunoblotting images of expression of p-PERK, PERK, ATF6, CHOP, and β -actin proteins in three independent tests

NC: normal control; OGD: oxygen and glucose deprivation (4 h); OGD-SN: oxygen and glucose deprivation (4 h) co-treated with SN (100 μ m); SN: sodium nitrite (100 μ m) treated

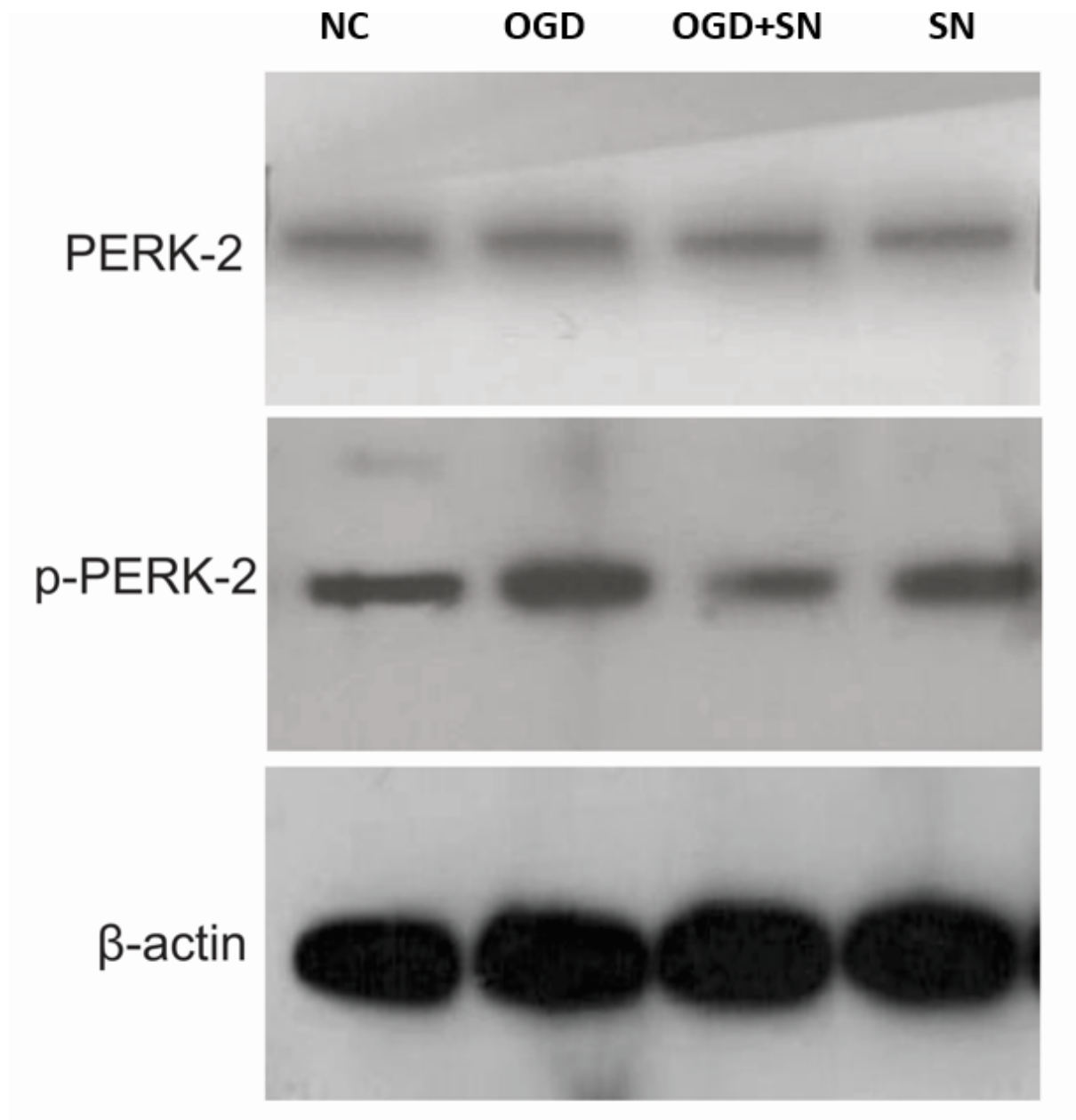


Figure 1 (cont.): Immunoblotting images of expression of p-PERK, PERK, ATF6, CHOP, and β -actin proteins in three independent tests

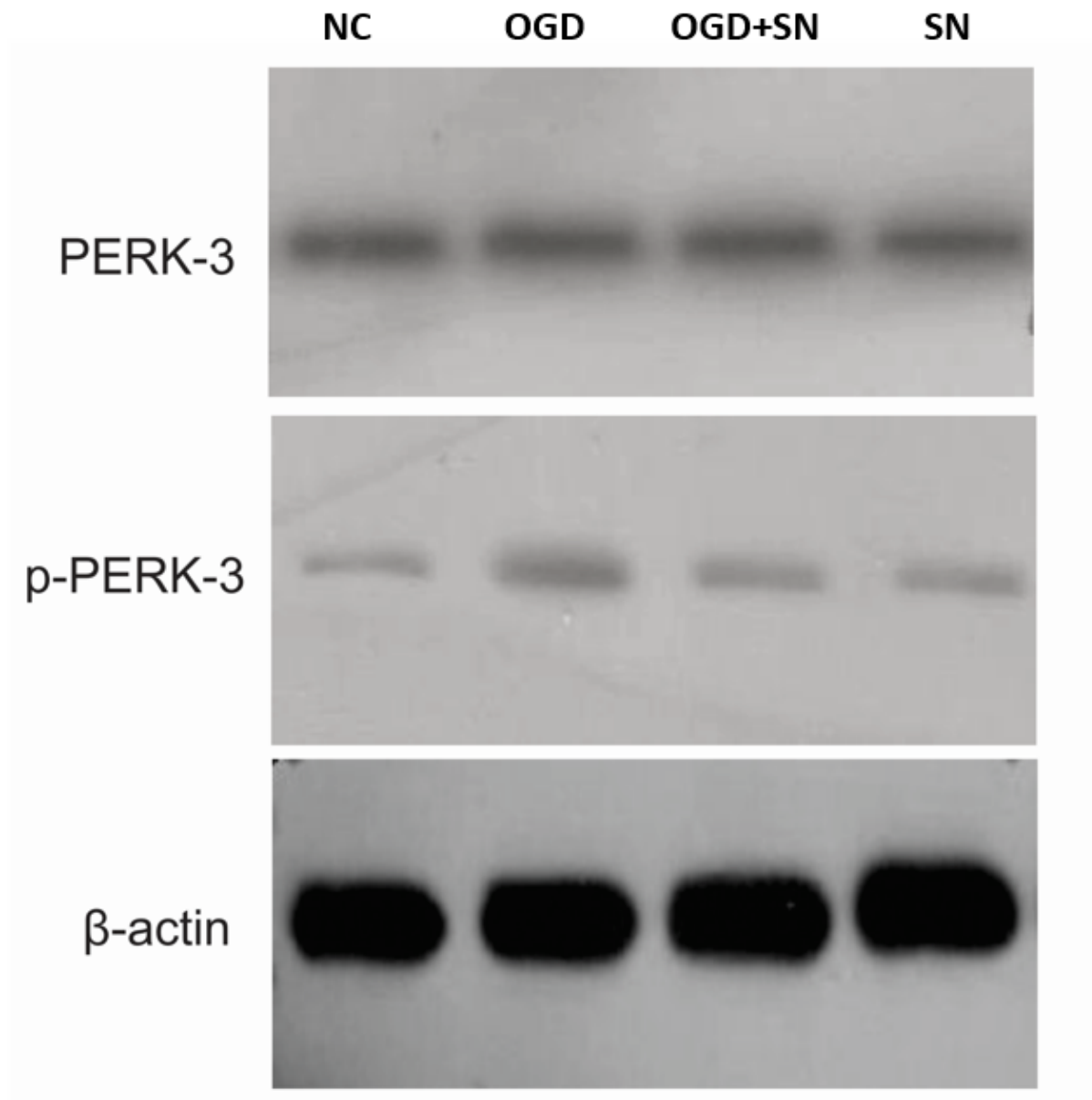


Figure 1 (cont.): Immunoblotting images of expression of p-PERK, PERK, ATF6, CHOP, and β-actin proteins in three independent tests

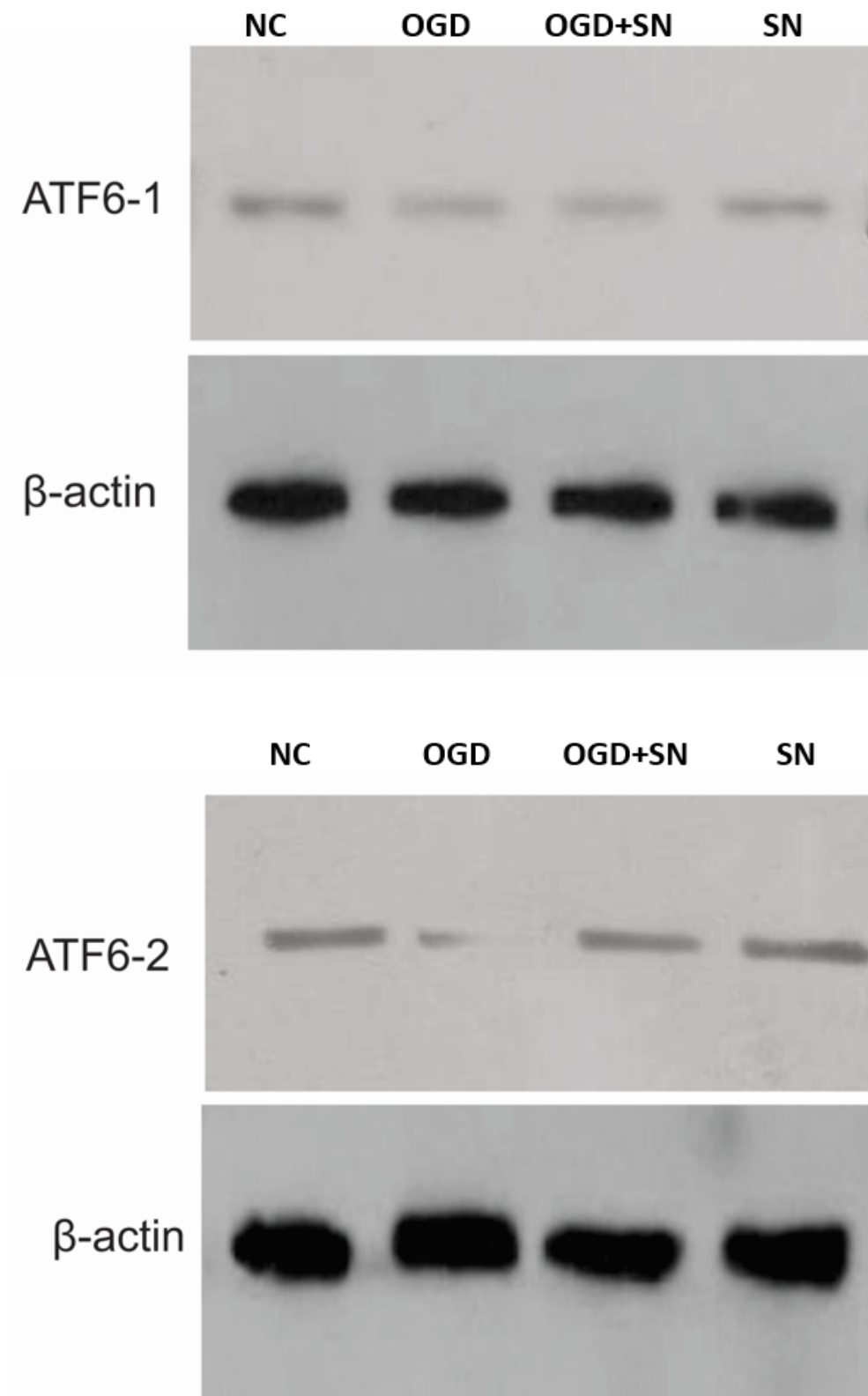


Figure 1 (cont.): Immunoblotting images of expression of p-PERK, PERK, ATF6, CHOP, and β -actin proteins in three independent tests

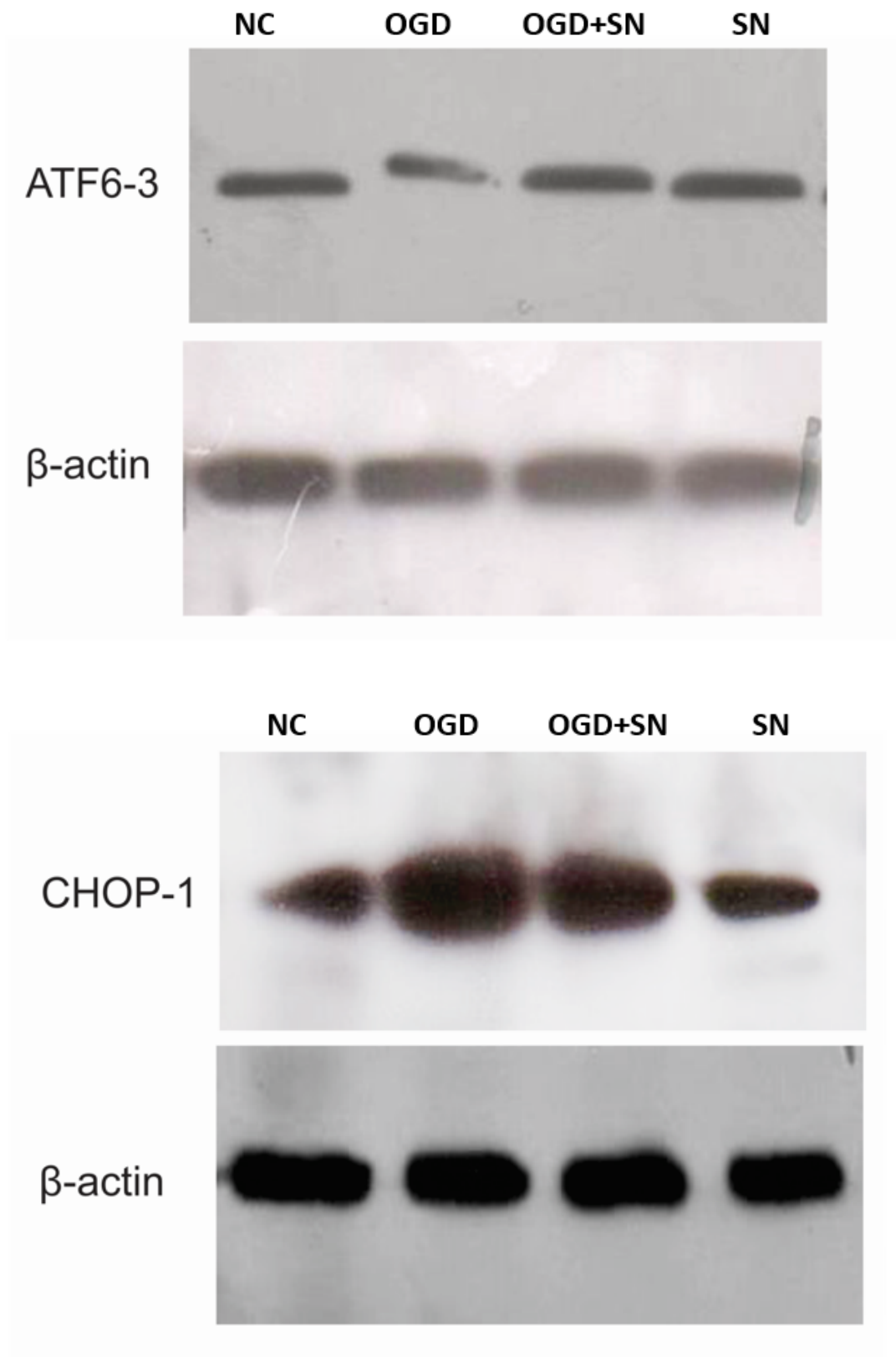


Figure 1 (cont.): Immunoblotting images of expression of p-PERK, PERK, ATF6, CHOP, and β-actin proteins in three independent tests

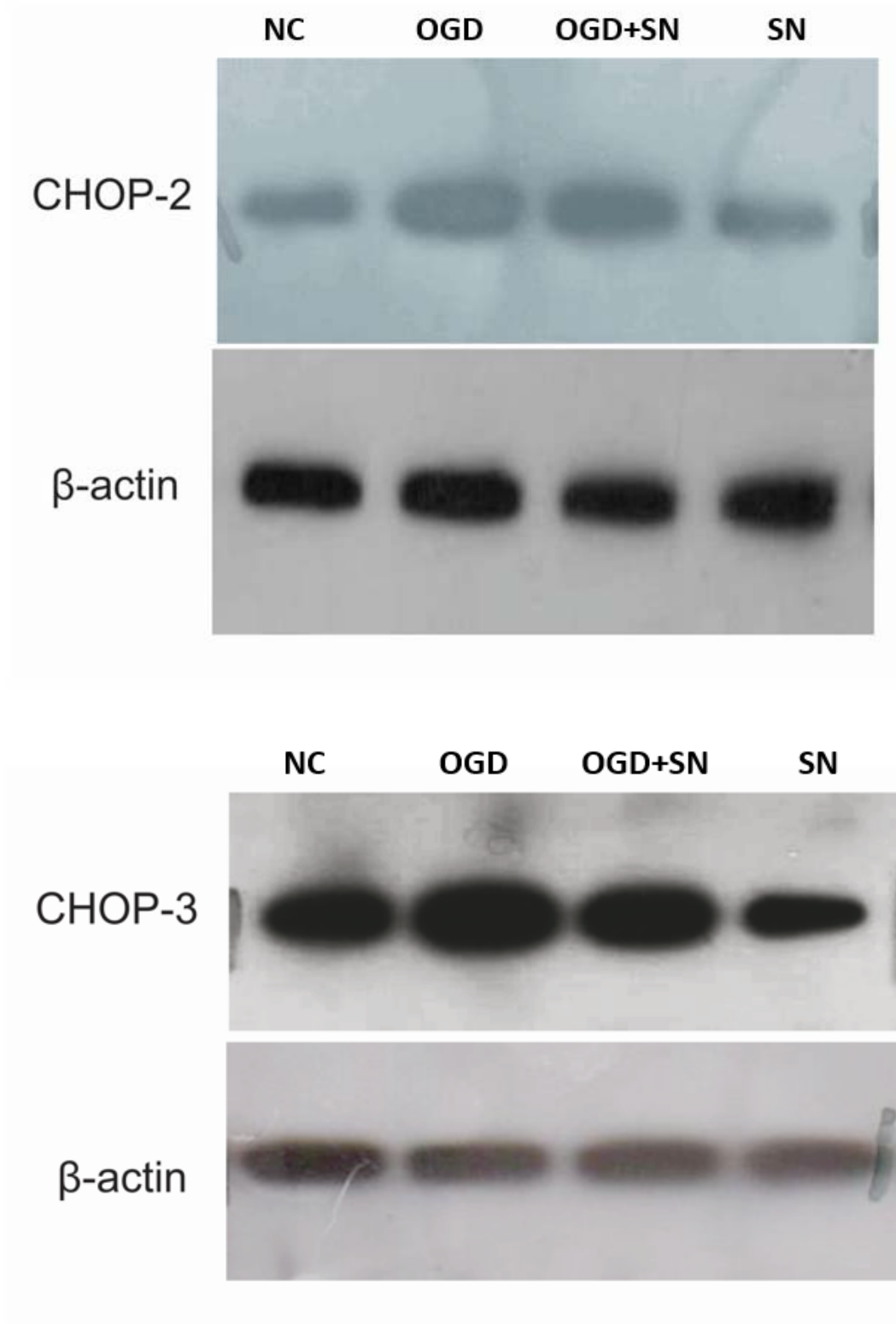


Figure 1 (cont.): Immunoblotting images of expression of p-PERK, PERK, ATF6, CHOP, and β -actin proteins in three independent tests

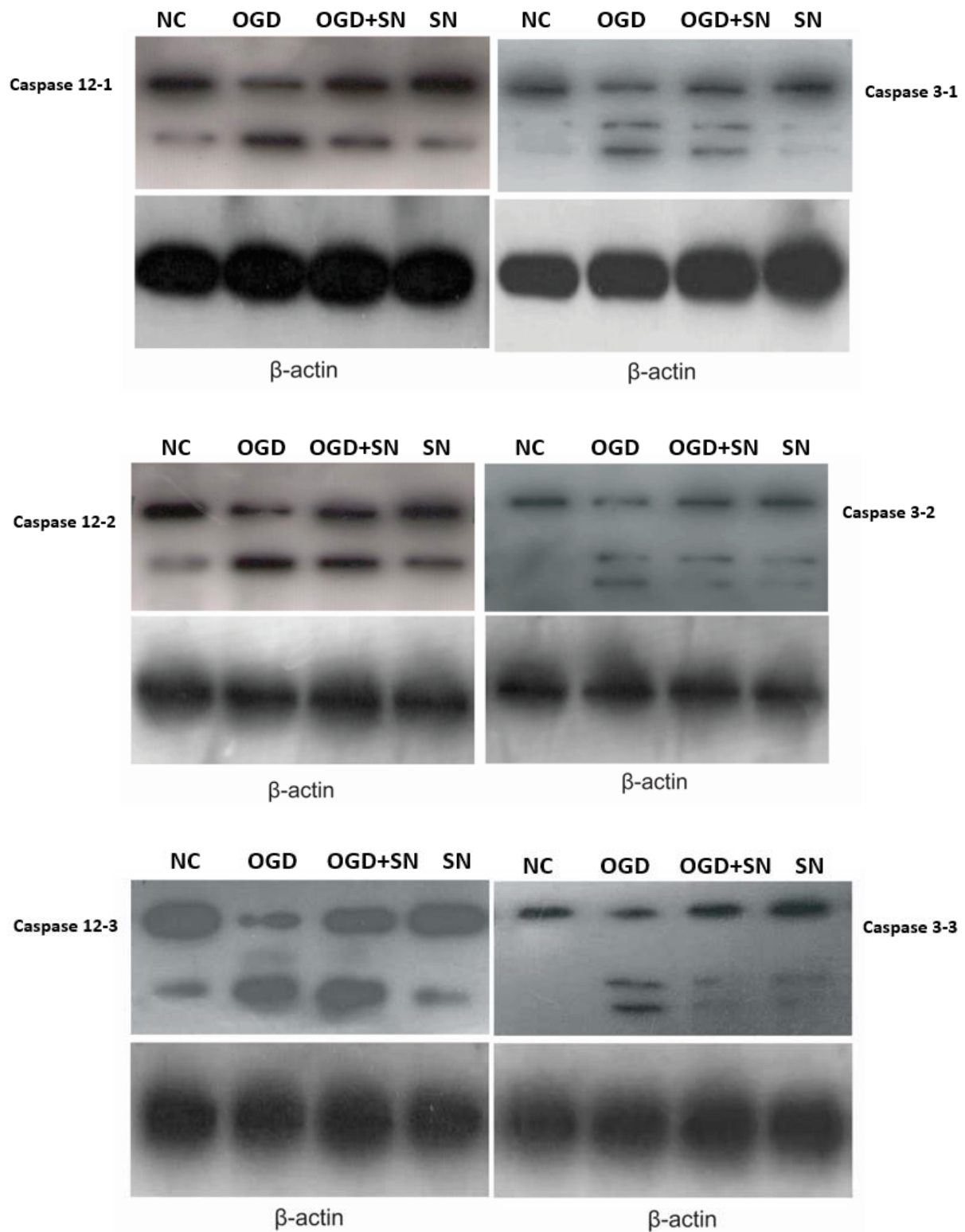


Figure 2: Immunoblotting images of caspase-12, caspase-3, and β -actin in three independent tests

NC: normal control; OGD: oxygen and glucose deprivation (4 h); OGD-SN: oxygen and glucose deprivation (4 h) co-treated with SN (100 μ m); SN: sodium nitrite (100 μ m) treated