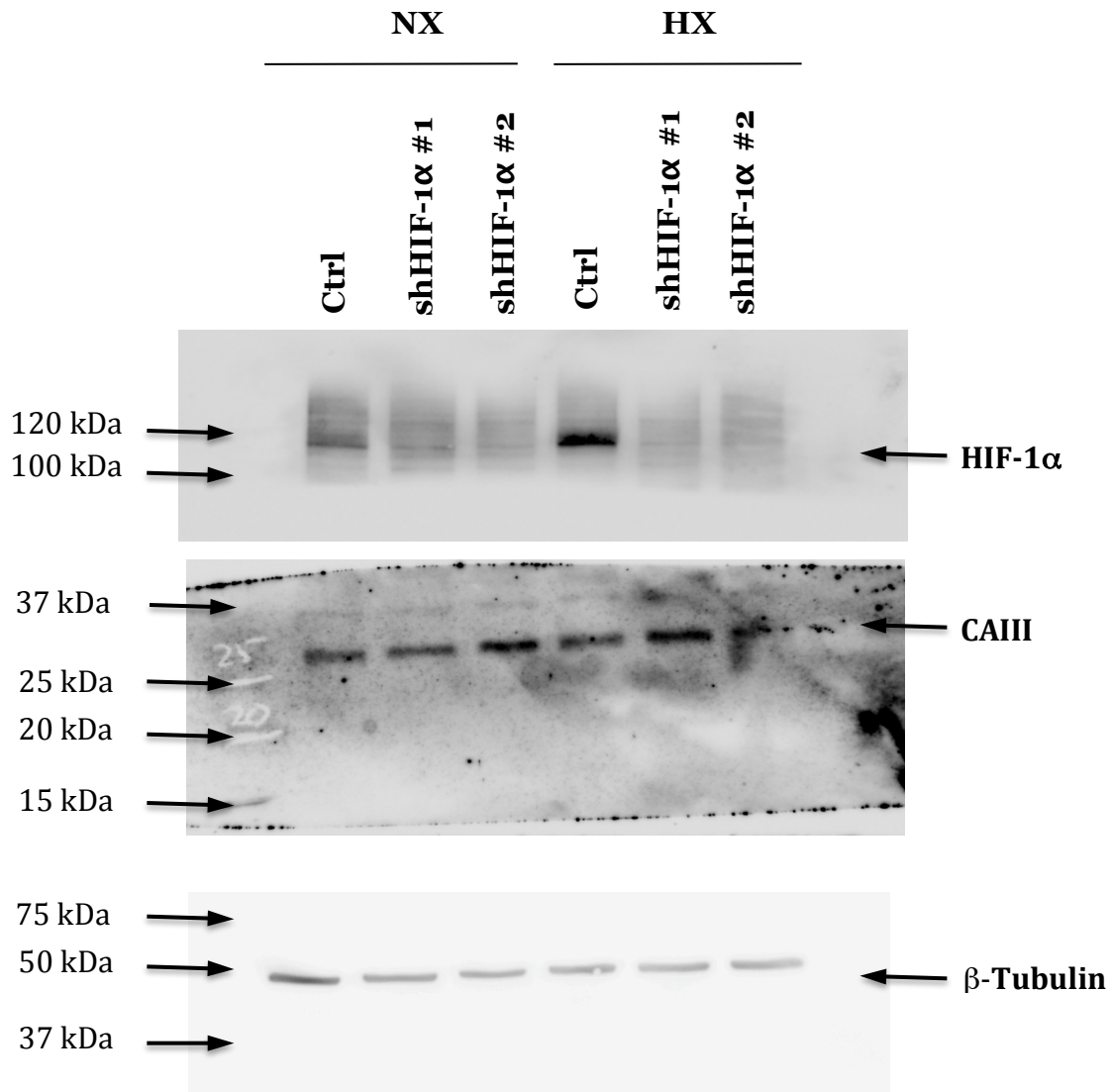


Supplementary Information

Expression of Carbonic Anhydrase III, a Nucleus Pulposus Phenotypic Marker, is Hypoxia-responsive and Confers Protection from Oxidative Stress-induced Cell Death

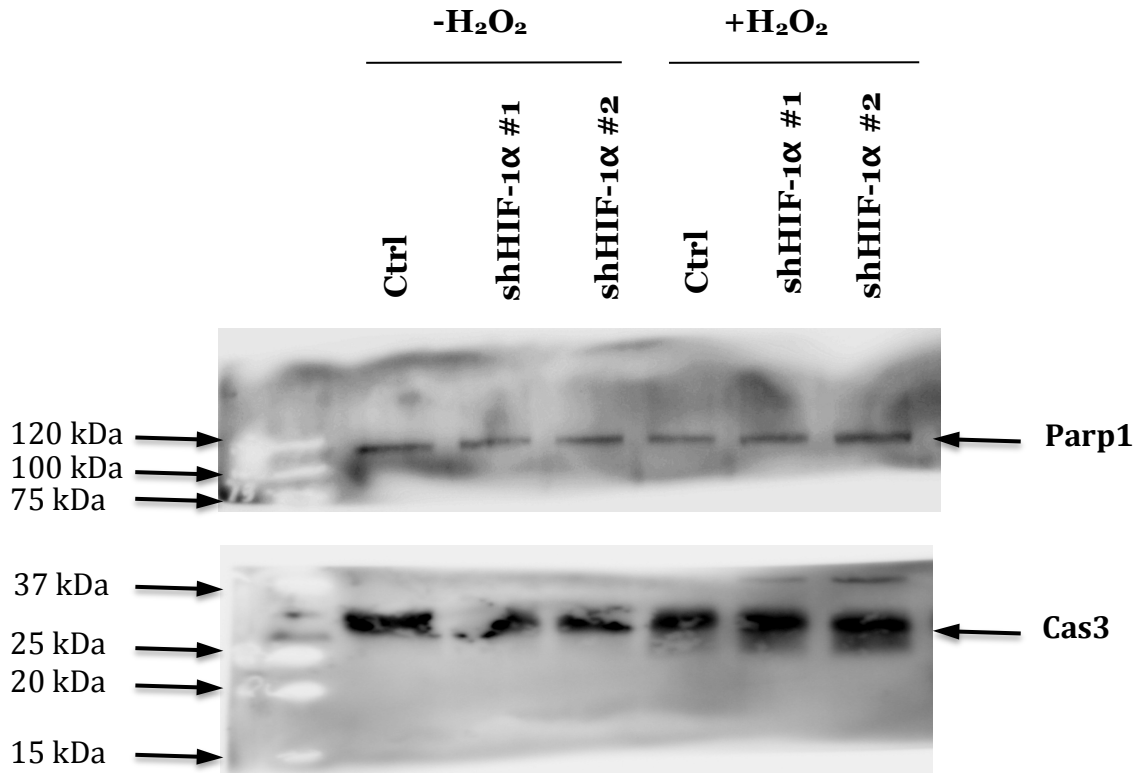
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Supplementary Figure S1-1. Examples of Uncropped Western Blots



Examples of Uncropped Western Blots for HIF-1α, CAIII, and β-Tubulin from Figure 2a.

Supplementary Figure S1-2. Examples of Uncropped Western Blots



Examples of Uncropped Western Blots for Parp1 and Cas3 from Figure 5i.

Supplementary Table S1: Primer sequences used for Chromatin Immunoprecipitations

Gene Name	Primer Location		Primer Sequence	
	Start	End	Forward	Reverse
Car3 R1	-63	-150	5'-agtgatccctggtcacaaaa-3'	5'-cggctaagtatgtggaatgg-3'
Car3 R2	-870	-1011	5'-gtcccagattcctcctcatc-3'	5'-cagtctctggacgcttgagt-3'