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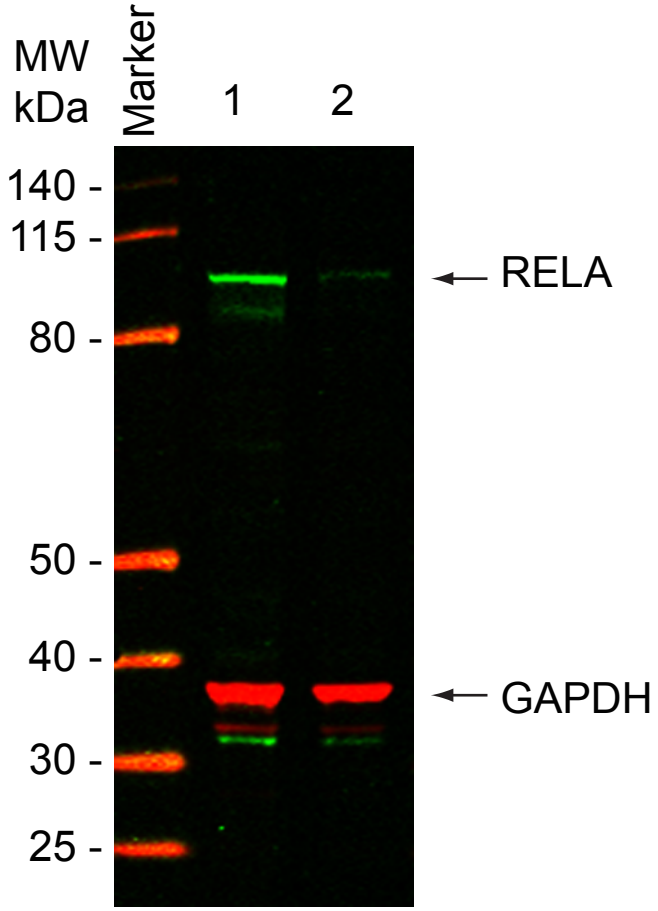

Knock-down rate: 74%

Lanes: 1. HeLa cells transfected with Renilla Luciferase esiRNA (RLUC, Cat.No. EHURLUC) as negative control. **2.** HeLa cells transfected with RELA esiRNA (Cat.No. EHU141461).

Quantitative-Immunoblotting: Lysates were separated on SDS-Page and probed with mouse anti-GFP (1:3000) (Roche) and goat anti-GAPDH (1:7000) (Acris) antibodies. The signal intensities of indicated bands were quantified using an Odyssey infrared imaging system (Li-COR) and normalized to the GAPDH signal. At 72h post transfection, a 74% RELA-Cherry protein reduction was measured between the negative control RLUC and the sample treated with RELA esiRNA.

HeLa cells: RELA was Cherry-BSD tagged on a bacterial artificial chromosome (BAC) and stably integrated into the genome of HeLa cells (MCB: ky_4593). The BAC preserves the genomic context of the gene, thereby ensuring near physiological expression (Poser I. et al Nat Methods. 2008 May;5(5):409-15).