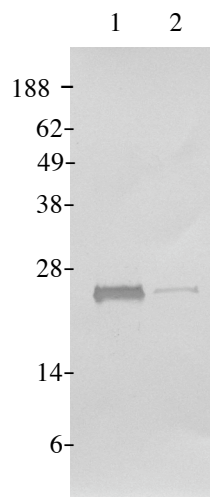


<b>DESCRIPTION:</b>	This is a positive control to be used in conjunction with Anti-Nitrotyrosine (NT50) when performing immunoblots. It contains nitrated carbonic anhydrase (Mr=29kDa) in PBS.
<b>CONCENTRATION:</b>	200 µg/mL total protein using the Bradford protein assay with BSA as a standard.
<b>MOLECULAR WEIGHT:</b>	29 kDa calculated
<b>STORAGE BUFFER:</b>	Phosphate buffered saline (PBS), pH 7.4 containing 20% Glycerol.
<b>STORAGE:</b>	-20°C <b>AVOID MULTIPLE FREEZE-THAW CYCLES.</b>
<b>PURITY:</b>	≥95 % as assessed by visual inspection of a Coomassie® Blue-stained SDS-PAGE gel.
<b>SOURCE:</b>	Carbonic anhydrase from bovine erythrocytes.
<b>REFERENCES:</b>	Ye YZ, Strong M, Huang ZQ, Beckman S. <i>Methods Enzymol.</i> <b>269</b> , 201 (1996).



**Figure 1.** Western blot using nitrotyrosine immunoblot positive control on nitrocellulose with OBR's nitrotyrosine antibody (prod no. NS50) at a 1:1,000 dilution. Lane 1, 2.44µg; Lane 2, 9.75ng nitrotyrosine immunoblot positive control.