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## PRODUCT SPECIFICATION

<b>Product No.</b>	<b>AGRX-02</b>
<b>Product description:</b>	<b>Antibody to human glutaredoxin 2 (Grx2) (rabbit) 100 µg</b>
<b>Lot No.</b>	<b>01</b>
<b>Specifications:</b>	<p>Rabbit polyclonal antibody to mouse human Grx2, pure antibodies. Contains an aliquot of 180 µl with 100 µg of polyclonal antibody in 20 mM Tris-Cl, 15 mM sodium azide, pH 7.5. The immunogen was hGrx2 D 41-164. See Lundberg, M., Johansson, C., Chandra, J., Enoksson, M., Jacobsson, G., Ljung, J., Johansson, M. and Holmgren, A.: Cloning and expression of a novel human glutaredoxin (Grx2) with mitochondrial and nuclear isoforms. <i>J. Biol. Chem.</i>, <u>276</u>, 26269-26275, 2001. Antibodies were purified on a column of hGrx2 D 41-164.</p> <p>The antibody recognizes human Grx2 isoforms.</p>
<b>Storage:</b>	Keep at +4°C
<b>Examples of use:</b>	<p>Good for Western blotting at suggested dilution of 1:1000.</p> <p><b>A.</b> Lundberg, M., Potamitou-Fernandes, A., Kumar, S. and Holmgren, A.: Cellular and plasma levels of human glutaredoxin 1 and 2 detected by sensitive ELISA systems. <i>Biochem. Biophys. Res. Commun.</i>, <u>319</u>, 801-809, 2004. <b>B</b> Lillig, C.H., Lönn, M.E., Enoksson, M., Potamitou-Fernandes, A. and Holmgren, A.: siRNA-mediated silencing of glutaredoxin 2 increases the sensitivity of HeLa cells towards doxorubicin and phenylarsine oxide. <i>Proc. Natl. Acad. Sci., USA</i>, <u>101</u>, 13227-13232, 2004. <b>C.</b> Lillig, C.H., Berndt, C., Vergnollé, O., Lönn, M.E., Bill, E. and Holmgren, A.: Characterization of human glutaredoxin 2 as new iron-sulfur protein: a possible role as redox sensor. <i>Proc. Natl. Acad. Sci., USA</i>, <u>102</u>, 8168-8173, 2005. <b>D</b> Lönn, M.E., Hudemann, C. Berndt, C., Cherkasov, V, Capani, F., Holmgren, A. and Lillig, C. H.: Expression pattern of human glutaredoxin 2 isoforms: identification and characterization of two testis/ cancer cell specific isoforms. <i>Antioxid. Red. Signal.</i> 10,547-557, 2008</p>

**NOTE!** Make sure to recover all antibody in the ampoule. Centrifuge shortly, in order to recover liquid from tube cap and walls.