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**MATERIAL DATA SHEET**

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**UbcH2/UBE2H Polyclonal Ab****Cat. # A-605**

The UbcH2 enzyme encodes for the human homolog of the yeast Ubc8. UbcH2 can conjugate ubiquitin to histone H2A in an E3-independent manner *in vitro*, and is essential for the multi-ubiquitination and degradation of N-end rule substrates. Additionally, UbcH2 may have a role in sepsis-induced muscle protein proteolysis and cancer-induced cachexia.

**Product Information**

<b>Quantity:</b>	200 µl
<b>Source:</b>	Protein A affinity purified rabbit polyclonal antibody.
<b>Antigen:</b>	Full-length, highly purified human UbcH2 protein.
<b>Stock:</b>	PBS pH 7.4, 20% glycerol.

**Use & Storage**

<b>Specificity:</b>	Recommended dilution range for Western blot analysis is 1:100 to 1:1000.
<b>Storage:</b>	Store unopened vial at -80°C. Avoid repeated freeze-thaw cycles. Aliquot antibody in small volumes prior to freezing.

**Literature**

<b>References:</b>	Baboshina O.V., <i>et al.</i> (2001) <i>J. Biol. Chem.</i> <b>276</b> :39428-39437
	Dohmen J.R., <i>et al.</i> (1991) <i>Proc. Natl. Acad. Sci.</i> <b>88</b> :7351-7355
	Kaiser P., <i>et al.</i> (1995) <i>FEBS. Lett.</i> <b>377</b> :193-196
	Hobler S.C., <i>et al.</i> (1999) <i>Am. J. Physiol.</i> <b>276</b> :468-473
	Wing S.S., <i>et al.</i> (1992) <i>J. Biol. Chem.</i> <b>267</b> :6495-6501

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