
MATERIAL DATA SHEET

Anti-UbcH2 (E2-14K)**Cat. # A-605**

The UbcH2 enzyme encodes for the human homolog of the yeast DNA repair gene RAD6, which is induced by DNA damaging agents. 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

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

Use & Storage

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

Literature

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

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