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**MATERIAL DATA SHEET**

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**Anti-UFM1****Cat. # A-500**

Rabbit polyclonal antibody for the detection of UFM1 and UFM1-protein conjugates. The ubiquitin-like UFM1 acts similar to ubiquitin and is conjugated to as of yet unidentified proteins in HEK cells and various mouse tissues. UFM1 is conserved in metazoan and plants, but not yeast. The functions or biochemical consequences UFM1 conjugation to proteins are not yet known.

**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 His <sub>6</sub> -UFM1 protein.
<b>Stock:</b>	PBS pH 7.4

**Use & Storage**

<b>Use:</b>	Recommended dilution range for Western blot analysis is 1:500-1:1000. Antibody does not cross-react with ubiquitin or other ubiquitin-like proteins including Nedd8, SUMO1, SUMO2, SUMO3, ISG15, FAT10 and Apg8.
<b>Storage:</b>	Store unopened vial at -80°C. Avoid repeated freeze-thaw cycles. Once thawed, aliquot antibody in small volumes prior to freezing.

**Literature**

<b>References:</b>	Kang, S.H. <i>et al.</i> (2006) <i>J. Biol. Chem.</i> <b>282</b> : 5256-5262 Komatsu, M., <i>et al.</i> (2004) <i>Embo J.</i> <b>23</b> : 1977-1986 Sasakawa, H., <i>et al.</i> (2006) <i>Biochem. Biophys. Res. Commun.</i> <b>343</b> : 21-26
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