

## UBE2H Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant UBE2H.  
Catalog # AT4437a

### Product Information

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<b>Application</b>	WB, IF, E
<b>Primary Accession</b>	<a href="#">P62256</a>
<b>Other Accession</b>	<a href="#">BC006277</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a kappa
<b>Clone Names</b>	3C4-1A2
<b>Calculated MW</b>	20655

### Additional Information

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<b>Gene ID</b>	7328
<b>Other Names</b>	Ubiquitin-conjugating enzyme E2 H, UbcH2, Ubiquitin carrier protein H, Ubiquitin-conjugating enzyme E2-20K, Ubiquitin-protein ligase H, UBE2H
<b>Target/Specificity</b>	UBE2H (AAH06277, 1 a.a. ~ 183 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IF~~1:50~200 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	UBE2H Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

### Background

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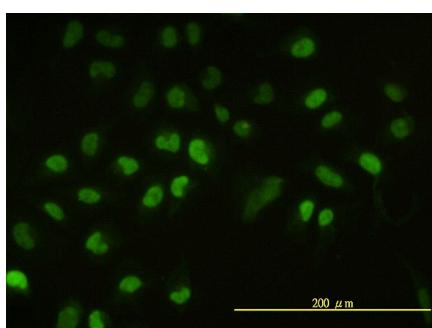
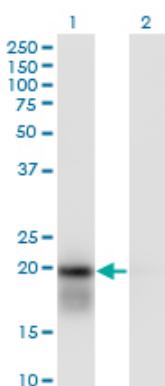
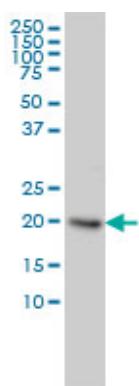
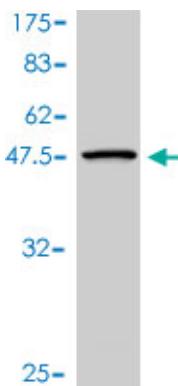
The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Two alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms.

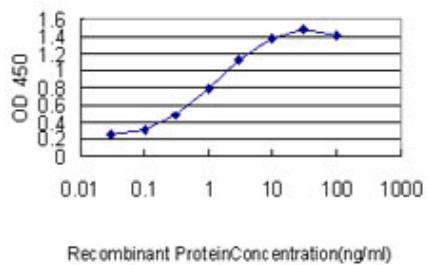
### References

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Targets of the Tal1 transcription factor in erythrocytes: E2 ubiquitin conjugase regulation by Tal1. Lausen J, et al. J Biol Chem, 2010 Feb 19. PMID 20028976. Association study of the ubiquitin conjugating enzyme gene UBE2H in sporadic ALS. Martin I, et al. Amyotroph Lateral Scler, 2009 Oct-Dec. PMID 19922136. A common variant in DRD3 receptor is associated with autism spectrum disorder. de Krom M, et al. Biol Psychiatry, 2009 Apr 1. PMID 19058789. Association study of the ubiquitin conjugating enzyme gene UBE2H in sporadic ALS. Martin I, et al. Amyotroph Lateral Scler, 2008 Oct 14. PMID 18855187. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.

## Images





Detection limit for recombinant GST tagged UBE2H is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.