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Datasheet for ABIN1714891  
**anti-UBE2Z antibody (AA 151-259)**

### Overview

Quantity:	100 µL
Target:	UBE2Z
Binding Specificity:	AA 151-259
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2Z antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human USE1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	UBE2Z
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## Target Details

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Alternative Name: USE1 ([UBE2Z Products](#))

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Background: Synonyms: 2010315L10Rik, 5730403H22Rik, AV002165, D12, Ed2, Embryonic development factor 2, MDS032, P31, Protein D12, Protein p31, putative MAPK activating protein PM26, Putative MAPK-activating protein PM26, Q-snare, RGD1306660, SLT1, SNARE-like tail-anchored protein 1 homolog, Unconventional SNARE in the ER 1 homolog *S. cerevisiae*, Unconventional SNARE in the ER 1 homolog, Use1, USE1 like protein, Use1 unconventional SNARE in the ER 1 homolog *S. cerevisiae*, USE1-like protein, USE1\_HUMAN, USE1L, Vesicle transport protein USE1. Background: In eukaryotic cells, the Golgi apparatus receives newly synthesized proteins from the endoplasmic reticulum (ER) and, after covalent modification, delivers them to their destination in the cell. For membrane-directed proteins this process is believed to be carried out via vesicular transport. Correct vesicular transport is determined by specific pairing of vesicle-associated SNAREs (v-SNAREs) with those on the target membrane (t-SNAREs). Unconventional SNARE in the ER 1, also known as USE1 or protein p31, is a 259 amino acid t-SNARE that forms a larger complex with ZW10, RINT-1 and Syntaxin 18. Upon Mg<sup>2+</sup>-ATP treatment in the presence of NSF and  $\gamma$ -SNAP, ZW10, RINT-1 and USE1 dissociate from Syntaxin 18. USE1 is a single-pass type IV membrane protein that is localized to the endoplasmic reticulum membrane. Three named isoforms exist for USE1 as a result of alternative splicing events.

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Gene ID: 55850

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## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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## Handling

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Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months