

Datasheet for ABIN1695947

anti-UBE2Z antibody (AA 151-259) (AbBy Fluor® 488)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	UBE2Z
Binding Specificity:	AA 151-259
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2Z antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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
Alternative Name:	USE1 (UBE2Z Products)

Target Details

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 Mg²⁺-AP treatment in the presence of NSF and ?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

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling

Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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