

[Go to Product page](#)

Datasheet for ABIN7173538
anti-TSEN15 antibody (AA 1-171) (FITC)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | TSEN15 |
| Binding Specificity: | AA 1-171 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TSEN15 antibody is conjugated to FITC |
| Application: | Please inquire |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human tRNA-splicing endonuclease subunit Sen15 protein (1-171AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | TSEN15 |
| Alternative Name: | TSEN15 (TSEN15 Products) |
| Background: | Background: Non-catalytic subunit of the tRNA-splicing endonuclease complex, a complex responsible for identification and cleavage of the splice sites in pre-tRNA. It cleaves pre-tRNA at |

Target Details

the 5' and 3' splice sites to release the intron. The products are an intron and two tRNA half-molecules bearing 2',3' cyclic phosphate and 5'-OH termini (PubMed:15109492, PubMed:27392077). There are no conserved sequences at the splice sites, but the intron is invariably located at the same site in the gene, placing the splice sites an invariant distance from the constant structural features of the tRNA body. The tRNA splicing endonuclease is also involved in mRNA processing via its association with pre-mRNA 3'-end processing factors, establishing a link between pre-tRNA splicing and pre-mRNA 3'-end formation, suggesting that the endonuclease subunits function in multiple RNA-processing events (PubMed:15109492).
Aliases: TSEN15 antibody, C1orf19 antibody, SEN15 antibody, tRNA-splicing endonuclease subunit Sen15 antibody, SEN15 homolog antibody, HsSEN15 antibody, tRNA-intron endonuclease Sen15 antibody

UniProt: [Q8WW01](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.