

[Go to Product page](#)

Datasheet for ABIN753780
anti-CASC3 antibody (AA 501-600) (Biotin)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | CASC3 |
| Binding Specificity: | AA 501-600 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CASC3 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human CASC3/MLN51 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Cow,Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | CASC3 |
| Alternative Name: | CASC3 (CASC3 Products) |

Target Details

| | |
|-------------|--|
| Background: | <p>Synonyms: Barentsz protein, Btz, Cancer susceptibility candidate gene 3 protein, Metastatic lymph node protein 51, MLN 51 protein, MLN51, Protein barentsz, Protein CASC3, Protein MLN 51, MLN51, CASC3_HUMAN.</p> <p>Background: The multiprotein exon junction complex (EJC) is deposited on mRNAs upstream of exonexon junctions as a consequence of pre-mRNA splicing. In mammalian cells, this complex serves as a key modulator of spliced mRNA metabolism. MLN51 is a nucleocytoplasmic shuttling protein that is overexpressed in breast cancer. The function of MLN51 in mammals remains elusive. Its fly homolog, named barentsz, as well as the proteins mago nashi and tsunagi have been shown to be required for proper oskar mRNA localization to the posterior pole of the oocyte. Magoh and Y14, the human homologs of mago nashi and tsunagi, are core components of the exon junction complex (EJC). The EJC is assembled on spliced mRNAs and plays important roles in post-splicing events including mRNA export, nonsense-mediated mRNA decay, and translation. Human MLN51 is an RNA-binding protein present in ribonucleo-protein complexes.</p> |
|-------------|--|

| | |
|----------|-------|
| Gene ID: | 22794 |
|----------|-------|

Application Details

| | |
|--------------------|---|
| Application Notes: | WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500 |
| Restrictions: | For Research Use only |

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. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |

Handling

Expiry Date: 12 months