

Datasheet for ABIN2814336

**anti-Sestrin 2 antibody (AA 101-200) (AbBy Fluor® 594)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                   |
| Target:              | Sestrin 2 (SESN2)                                                                                                                                        |
| Binding Specificity: | AA 101-200                                                                                                                                               |
| Reactivity:          | Human, Rat                                                                                                                                               |
| Host:                | Rabbit                                                                                                                                                   |
| Clonality:           | Polyclonal                                                                                                                                               |
| Conjugate:           | This Sestrin 2 antibody is conjugated to AbBy Fluor® 594                                                                                                 |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human SESN2 |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Human, Rat                                                |
| Predicted Reactivity: | Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit                      |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | Sestrin 2 (SESN2)                        |
| Alternative Name: | SESN2 ( <a href="#">SESN2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: Hi95, Hypoxia induced gene 95, MGC11758, OTTHUMP00000003641, RP23 63D8.3, SES2, SESN 2, SEST2, Sestrin 2, DKFZp761M02121, OTTMUSP00000010184, DKFZp761M0212, SESN2_HUMAN.<br><br>Background: SESN2 is a member of the sestrin family of PA26-related proteins. The It may function in the regulation of cell growth and survival and also in cellular response to different stress conditions. |
| Gene ID:    | 83667                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt:    | <a href="#">P58004</a>                                                                                                                                                                                                                                                                                                                                                                                   |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| 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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |