

## Rabbit anti-Human, Mouse SESN3 Polyclonal Antibody | anti-SESN3 antibody

SESN3 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA319834 | Rabbit | Human, Mouse | Immunohistochemistry, ELISA, Western Blot |

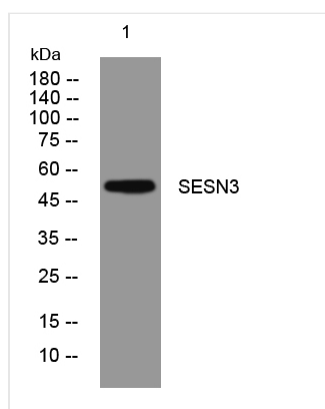
### PRODUCT SYNONYMS

SESN3; Polyclonal Antibody; SESN3 Antibody; anti-SESN3 antibody

### PRODUCT SPECIFICATIONS

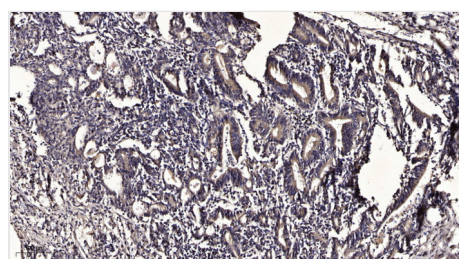
|                                                 |                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                |
| Reactivity                                      | Human, Mouse                                                                                                          |
| Clonality                                       | Polyclonal                                                                                                            |
| Isotype                                         | Rabbit IgG                                                                                                            |
| Specificity                                     | This antibody detects endogenous levels of SESN3 at Human/Mouse                                                       |
| Purity/Purification                             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Form/Format                                     | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                               |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                |
| Applicable Applications for anti-SESN3 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                  |
| Immunogen                                       | Synthesized peptide derived from human SESN3 AA range: 35-85                                                          |
| Modification                                    | Unmodified/Total                                                                                                      |
| Preparation and Storage                         | Store at -20 degree C/1 year                                                                                          |

### IMAGES



#### WB (Western Blot)

Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4 degree over night



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

|                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-<br>SESN3 antibody | This gene encodes a member of the sestrin family of stress-induced proteins. The encoded protein reduces the levels of intracellular reactive oxygen species induced by activated Ras downstream of RAC-alpha serine/threonine-protein kinase (Akt) and FoxO transcription factor. The protein is required for normal regulation of blood glucose, insulin resistance and plays a role in lipid storage in obesity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012] |
| Product Categories/Family for anti-<br>SESN3 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 31377591               |
| NCBI GeneID                      | 143686                 |
| NCBI Accession #                 | NP_653266              |
| NCBI GenBank Nucleotide #        | NM_144665              |
| UniProt Accession #              | P58005; Q96AD1; B7Z7P9 |
| Molecular Weight                 | 41,522 Da              |
| NCBI Official Full Name          | sestrin-3 isoform 1    |
| NCBI Official Synonym Full Names | sestrin 3              |
| NCBI Official Symbol             | SESN3                  |
| NCBI Official Synonym Symbols    | SEST3                  |
| NCBI Protein Information         | sestrin-3              |
| UniProt Protein Name             | Sestrin-3              |
| UniProt Gene Name                | <b>SESN3</b>           |
| UniProt Synonym Gene Names       | SEST3                  |
| UniProt Entry Name               | SESN3_HUMAN            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sesn3-antibody-immunohistochemistry-western-blot-elisa/319834>