

## Rabbit Proprotein Convertase 2 Polyclonal Antibody | anti-PCSK2 antibody

Proprotein Convertase 2 Antibody

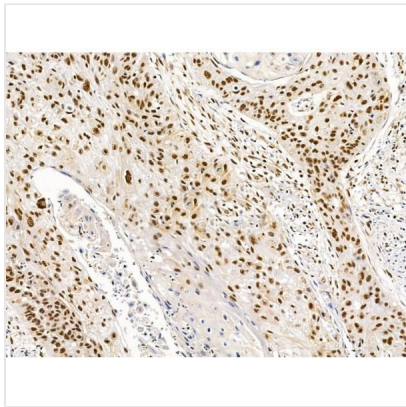
| CATALOG # | HOST   | REACTIVITY                                                                                                                                                          | APPLICATIONS |
|-----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| AAA31228  | Rabbit | Human, Mouse, Rat<br>Predicted Reactivity: Pig(100%), Zebrafish(100%), Bovine(88%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%) | ELISA        |

### PRODUCT SYNONYMS

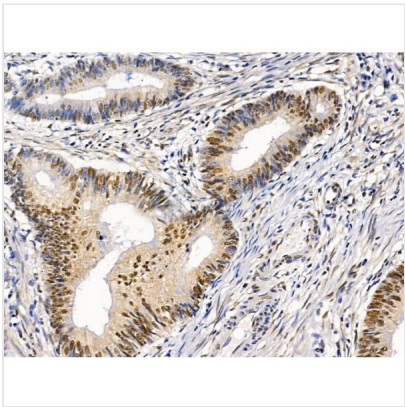
Proprotein Convertase 2; Polyclonal Antibody; Proprotein Convertase 2 Antibody; KEX2 like endoprotease 2; KEX2-like endoprotease 2; NEC 2; NEC2; NEC2\_HUMAN; Neuroendocrine convertase 2; PC2; PCSK2; Prohormone convertase 2; Proprotein convertase 2; Proprotein convertase subtilisin/kexin type 2; SPC2; anti-PCSK2 antibody

### PRODUCT SPECIFICATIONS

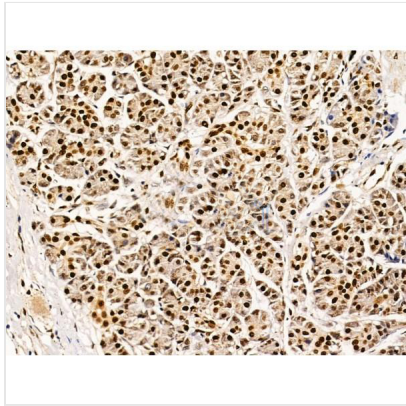
|                                                 |                                                                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                              |
| Reactivity                                      | Human, Mouse, Rat<br>Predicted Reactivity: Pig(100%), Zebrafish(100%), Bovine(88%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%) |
| Clonality                                       | Polyclonal                                                                                                                                                          |
| Isotype                                         | IgG                                                                                                                                                                 |
| Specificity                                     | Proprotein Convertase 2 Antibody detects endogenous levels of total Proprotein Convertase 2.                                                                        |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).                                            |
| Form/Format                                     | Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol                                                             |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                              |
| Sequence Length                                 | 638                                                                                                                                                                 |
| Applicable Applications for anti-PCSK2 antibody | ELISA                                                                                                                                                               |
| Application Notes                               | WB: 1:500-1:2000<br>IHC: 1:50-1:200<br>ELISA(peptide): 1:20,000-1:40,000                                                                                            |
| Immunogen                                       | A synthesized peptide derived from human Proprotein Convertase 2, corresponding to a region within the internal amino acids.                                        |
| Fragment                                        | Fab fragment                                                                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                                                                                                   |



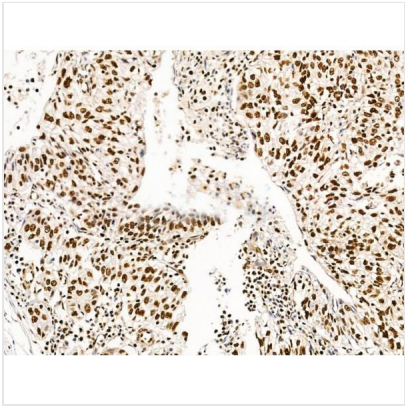
**IHC (Immunohistochemistry-Paraffin)**  
AAA31228 at 1/100 staining Human colorectal cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



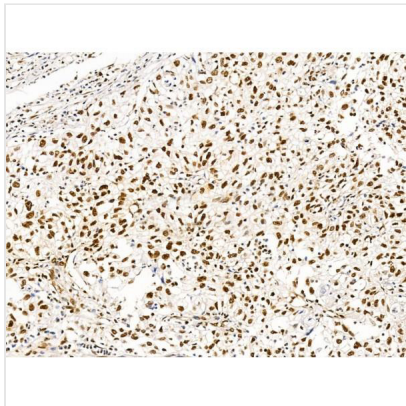
**IHC (Immunohistochemistry-Paraffin)**  
AAA31228 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**IHC (Immunohistochemistry-Paraffin)**  
AAA31228 at 1/100 staining Human pancreatic cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**IHC (Immunohistochemistry-Paraffin)**  
AAA31228 at 1/100 staining Human pancreatic cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**IHC (Immunohistochemistry-Paraffin)**  
AAA31228 at 1/100 staining Human pancreatic cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**IHC (Immunohistochemistry-Paraffin)**  
AAA31228 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                        |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PCSK2 antibody | Function: Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues. Responsible for the release of glucagon from proglucagon in pancreatic A cells. |
|                                                     | Subcellular Location: Cytoplasmic vesicle>Secretory vesicle. Secreted. Note: Localized in the secretion granules.                                                                                                      |
|                                                     | Similarity: Belongs to the peptidase S8 family. Furin subfamily.                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| NCBI GI #                        | 13124785                                                                                     |
| NCBI GeneID                      | 5126                                                                                         |
| UniProt Accession #              | P16519                                                                                       |
| Molecular Weight                 | Observed Molecular Weight: (Observed)70kD.<br>Predicted Molecular Weight: (Calculated)71kDa. |
| NCBI Official Full Name          | Neuroendocrine convertase 2                                                                  |
| NCBI Official Synonym Full Names | proprotein convertase subtilisin/kexin type 2                                                |
| NCBI Official Symbol             | PCSK2                                                                                        |
| NCBI Official Synonym Symbols    | PC2; NEC2; SPC2; NEC 2; NEC-2                                                                |
| NCBI Protein Information         | neuroendocrine convertase 2                                                                  |
| UniProt Protein Name             | Neuroendocrine convertase 2                                                                  |
| UniProt Gene Name                | PCSK2                                                                                        |
| UniProt Synonym Gene Names       | NEC2; NEC 2; PC2                                                                             |
| UniProt Entry Name               | NEC2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/proprotein-convertase-2-antibody-elisa/31228>