

Rabbit Proprotein Convertase 2 Polyclonal Antibody | anti-PCSK2 antibody

Proprotein Convertase 2 Antibody

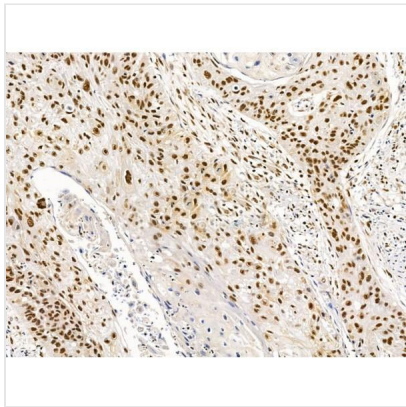
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31228	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(100%), Bovine(88%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%)	ELISA

PRODUCT SYNONYMS

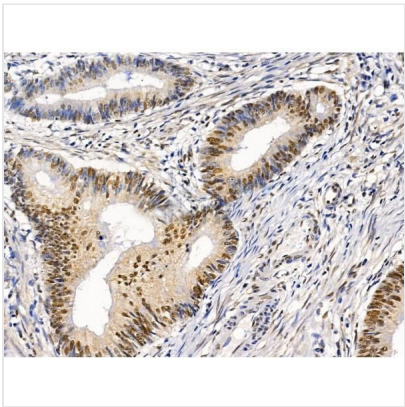
Proprotein Convertase 2; Polyclonal Antibody; Proprotein Convertase 2 Antibody; KEX2 like endoprotease 2; KEX2-like endoprotease 2; NEC 2; NEC2; NEC2_HUMAN; Neuroendocrine convertase 2; PC2; PCSK2; Prohormone convertase 2; Proprotein convertase 2; Proprotein convertase subtilisin/kexin type 2; SPC2; anti-PCSK2 antibody

PRODUCT SPECIFICATIONS

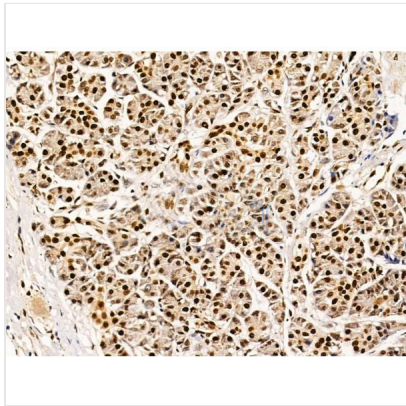
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(100%), Bovine(88%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Proprotein Convertase 2 Antibody detects endogenous levels of total Proprotein 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 IHC: 1:50-1:200 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.



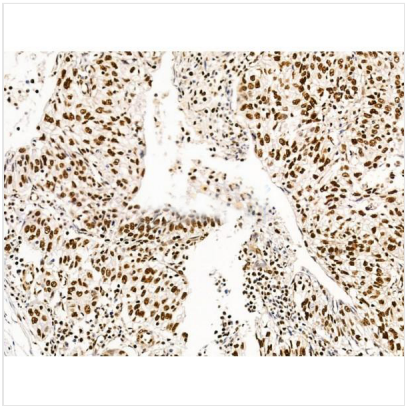
IHC (Immunohistochemistry-Paraffin)
AAA31228 at 1/100 staining Human colorectal cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody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



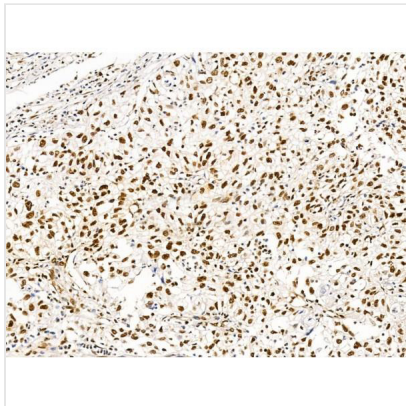
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IHC (Immunohistochemistry-Paraffin)
AAA31228 at 1/100 staining Human pancreatic cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was 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)
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IHC (Immunohistochemistry-Paraffin)
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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. 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/proprotein-convertase-2-antibody-elisa/31228>