

Rabbit GCNT3 Polyclonal Antibody | anti-GCNT3 antibody

GCNT3 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199272	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Yeast	Western Blot, Immunohistochemistry

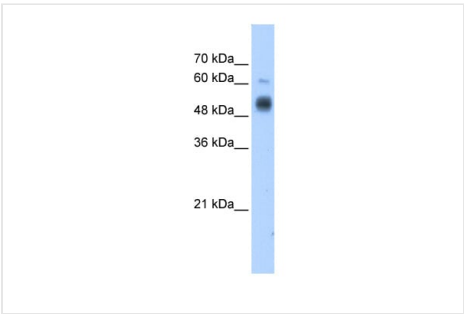
PRODUCT SYNONYMS

GCNT3; Polyclonal Antibody; GCNT3 antibody - C-terminal region; anti-GCNT3 antibody

PRODUCT SPECIFICATIONS

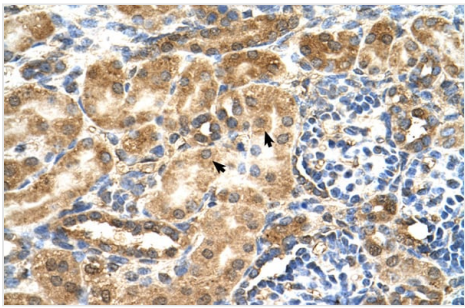
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Yeast
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: AI CVYGAGDLNW MLQNHLLAN KFDPKVDDNA LQCLEEYLRV KAIYGTEL
Applicable Applications for anti-GCNT3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Protein Size (# AA)	438 amino acids
Protein Interactions	DHRX; RBM18; SNUPN; CASK;
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GCNT3
Replacement Item	This antibody may replace item sc-112929, HPA011154
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 91%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 93%; Sheep: 93%; Yeast: 89%
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-GCNT3 Antibody Titration: 1.25ug/mlPositive Control: 293T cells lysate



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-GCNT3 antibody	This is a rabbit polyclonal antibody against GCNT3. It was validated on Western Blot and immunohistochemistry Target Description: This enzyme catalyzes O-glycan branch synthesis of the core 2 and core 4 type in mucins and controls expression of core 2 branched oligosaccharides and I antigens on the cell surface.This enzyme catalyzes O-glycan branch synthesis of the core 2 and core 4 type in mucins and controls expression of core 2 branched oligosaccharides and I antigens on the cell surface.
Product Categories/Family for anti-GCNT3 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758422
NCBI GeneID	9245
NCBI Accession #	NP_004742
NCBI GenBank Nucleotide #	NM_004751
UniProt Accession #	O95395
Molecular Weight	51kDa
NCBI Official Full Name	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3
NCBI Official Synonym Full Names	glucosaminyl (N-acetyl) transferase 3, mucin type
NCBI Official Symbol	GCNT3
NCBI Official Synonym Symbols	GNTM; C24GNT; C2GNT2; C2GNTM; C2/4GnT
NCBI Protein Information	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3
UniProt Protein Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3
UniProt Gene Name	GCNT3
UniProt Synonym Gene Names	C2GnT-M; hC2GnT-M; C2/4GnT
UniProt Entry Name	GCNT3_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.