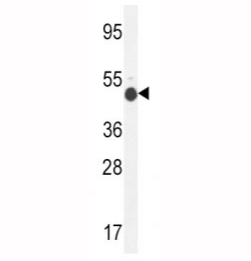
GCNT2 Antibody (F40004)

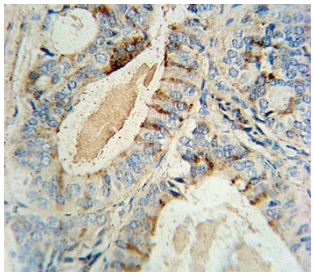
Catalog No.	Formulation	Size
F40004-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40004-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q06430
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This GCNT2 antibody is available for research use only.



GCNT2 antibody western blot analysis in mouse kidney tissue lysate



GCNT2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma.

Description

This gene encodes the enzyme responsible for formation of the blood group I antigen. The i and I antigens are distinguished by linear and branched poly-N-acetyllactosaminoglycans, respectively. The encoded protein is the I-branching enzyme, a beta-1,6-N-acetylglucosaminyltransferase responsible for the conversion of fetal i antigen to adult I antigen in erythrocytes during embryonic development. Mutations in this gene have been associated with adult i blood group phenotype. Alternatively spliced transcript variants encoding different isoforms have been described.

Application Notes

Titration of the GCNT2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 364-391 from the human protein was used as the immunogen for this GCNT2 antibody.

Storage

Aliquot the GCNT2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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