

# Product Datasheet

## Niemann-Pick type C2 Antibody

### NBP1-52028

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-52028****Niemann-Pick type C2 Antibody**

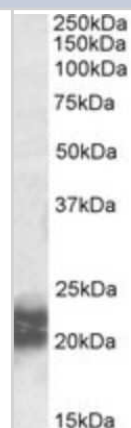
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	10577
Gene Symbol	NPC2
Species	Human
Immunogen	Peptide with sequence QAEPVQFKDCGSVD corresponding to internal region according to NP_006423.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:2000
Application Notes	WB: Experiments gave bands at approx. 20 kDa band and 23 kDa band in human testis lysates. These bands correspond to earlier findings are reported in scientific literature with different antibodies (PMID: 16772431). This protein has a calculated MW of 16.6 kDa band according to NP_006423.1.

**Images**

Western Blot: Niemann-Pick type C2 Antibody [NBP1-52028] - Western blot analysis of Niemann-Pick type C2 in Human Testis lysate (35ug protein in RIPA buffer) using NBP1-52028 at 0.5ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Xu Z, Farver W, Kodukula S, Storch J. Regulation of sterol transport between membranes and NPC2. Biochemistry 2008-10-21 [PMID: 18823126]

Legare C, Thabet M, Gatti JL et al. HE1/NPC2 status in human reproductive tract and ejaculated spermatozoa: consequence of vasectomy. Mol Hum Reprod 2006-07-01 [PMID: 16772431]



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### **Products Related to NBP1-52028**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00010577-P01-10ug	Recombinant Human Niemann-Pick type C2 GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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