



Anti-NPC1 (internal region) polyclonal antibody (DPAB-DC783)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	NPC1 (Niemann-Pick disease, type C1) is a protein-coding gene. Diseases associated with NPC1 include niemann-pick disease type d, and niemann-pick disease type c1. GO annotations related to this gene include cholesterol binding and receptor activity. An important paralog of this gene is PTCH1.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of mouse Npc1. The sequence is C-TYHTILKTSADYTD
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Npc1 Niemann-Pick type C1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	NPC1
Synonyms	NPC1; Niemann-Pick type C1; spm; lcsd; C85354; nmf164; D18Ertd139e; D18Ertd723e; A430089E03Rik; Niemann-Pick C1 protein; sphingomyelinosis; Niemann Pick type C1;
Entrez Gene ID	18145
Protein Refseq	NP_032746
UniProt ID	O35604
Chromosome Location	18 A1; 18 6.15 cM
Pathway	Lysosome;
Function	cholesterol binding; hedgehog receptor activity; protein binding;