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Niemann-Pick type C2 NPC2 Rabbit mAb

Catalog No.: A23128 Recombinant

Basic Information

Observed MW

16-21kDa

Calculated MW

17kDa

Category

Primary antibody

Applications

ELISA,WB,IHC-P,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC59098

Background

This gene encodes a protein containing a lipid recognition domain. The encoded protein may function in regulating the transport of cholesterol through the late endosomal/lysosomal system. Mutations in this gene have been associated with Niemann-Pick disease, type C2 and frontal lobe atrophy.

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:500- 1:1000
IF	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
10577	P61916

Immunogen

Recombinant protein of human Niemann-Pick type C2 $\c\square$ NPC2 $\c\square$.

Synonyms

HE1; EDDM1; Niemann-Pick type C2[NPC2]

Contact

2		400-999-6126
\bowtie	Τ	cn.market@abclonal.com.cn
•	Т	www.abclonal.com.cn

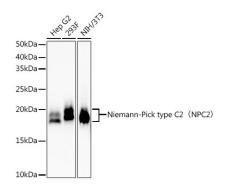
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.



Western blot analysis of various lysates, using Niemann-Pick type C2[NPC2] Rabbit mAb (A23128) at 1:2000 dilution

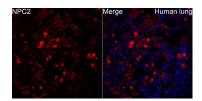
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

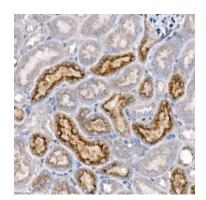
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

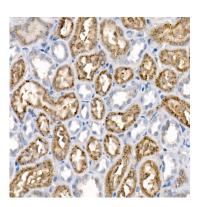
Exposure time: 60s.





Immunofluorescence analysis of paraffinembedded human lung using Niemann-Pick type C2[NPC2] Rabbit mAb (A23128) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunohistochemistry analysis of paraffinembedded mouse kidney using Niemann-Pick type C2[NPC2[Rabbit mAb (A23128) at dilution of 1[1000 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffinembedded rat kidney using Niemann-Pick type C2[NPC2[Rabbit mAb (A23128) at dilution of 1[1000 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.