

## Product datasheet for **TA370469S**

### **NPC2 Rabbit Polyclonal Antibody**

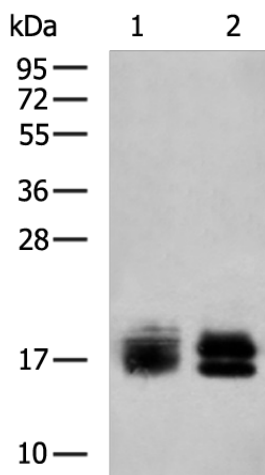
#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Human spleen tissue, Mouse kidney tissue lysates IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NPC2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	17 kDa
Gene Name:	NPC intracellular cholesterol transporter 2
Database Link:	<a href="#">Entrez Gene 10577 Human P61916</a>
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.
Synonyms:	EDDM1; HE1; MGC1333; NP-C2

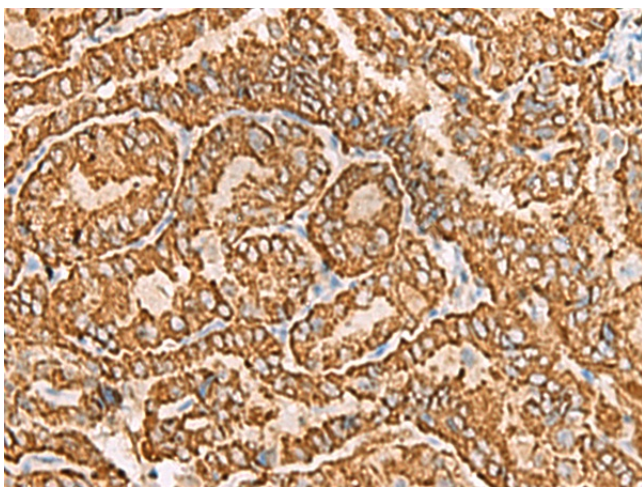


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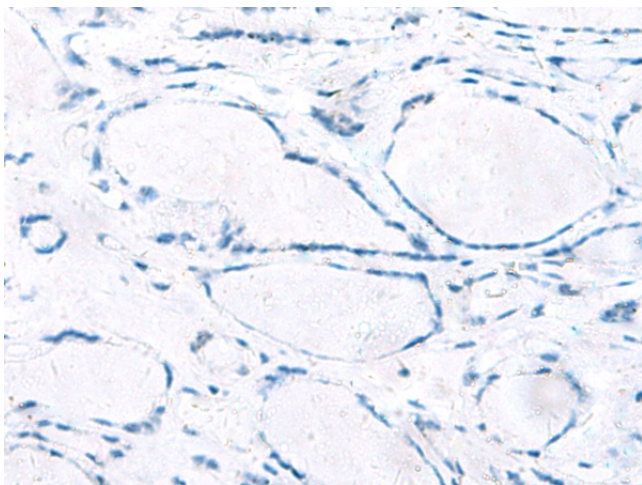
## Product images:



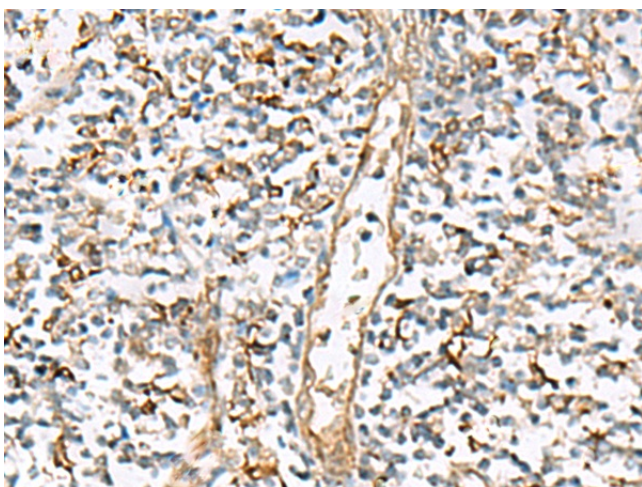
Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: Human spleen tissue  
Mouse kidney tissue lysates  
Primary antibody: [TA370469] (NPC2 Antibody) at dilution 1/1150  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 3 minutes



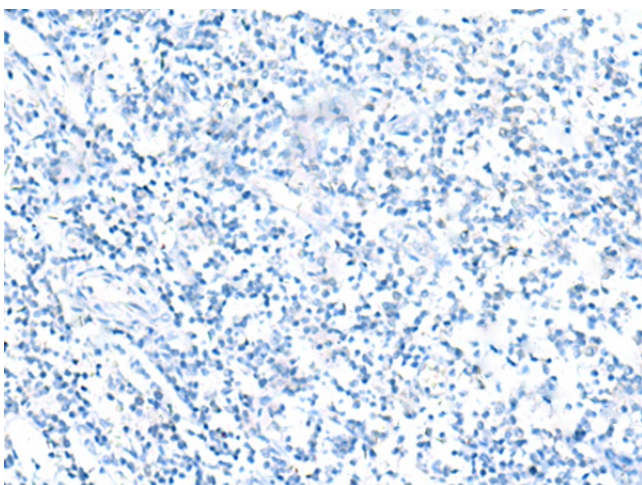
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA370469] (NPC2 Antibody) at dilution 1/80 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA370469] (NPC2 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370469] (NPC2 Antibody) at dilution 1/80 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370469] (NPC2 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: x200)