

Product Data Sheet

Anti-NPC2 Antibody

Catalog #	Source	Reactivity	Applications
CQA1207	Rabbit	H, M	WB, IF/IC
Description	Rabbit polyclonal antibody to NPC2		
Immunogen	Recombinant full length protein of human NPC2		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of NPC2 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	NPC2		
Alternative Names	HE1; Epididymal secretory protein E1; Human epididymis-specific protein 1; He1; Niemann-Pick disease type C2 protein		
Entrez Gene	10577 (Human); 67963 (Mouse)		
SwissProt	P61916 (Human); Q9Z0J0 (Mouse)		
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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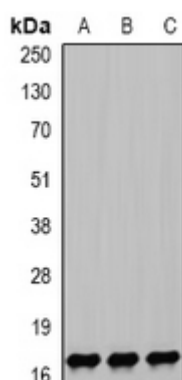
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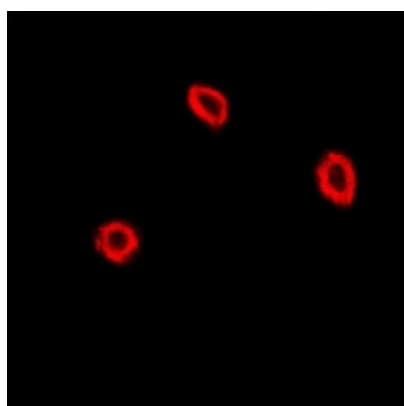
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Western blot analysis of NPC2 expression in HEK293T (A), mouse lung (B), mouse liver (C) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 17 kD)



Immunofluorescent analysis of NPC2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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