

Anti-XTRP2 Antibody

Catalog # AP51858

Product Information

Application	WB, IF/IC
Primary Accession	Q96N87
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70897

Additional Information

Gene ID	348932
Other Names	XTRP2; Sodium-dependent neutral amino acid transporter B(0)AT3; Sodium- and chloride-dependent transporter XTRP2; Solute carrier family 6 member 18; System B(0) neutral amino acid transporter AT3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human XTRP2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

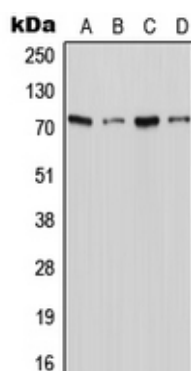
Name	SLC6A18 (HGNC:26441)
Synonyms	B0AT3, XTRP2
Function	Does not show neutral amino acid transporter activity.
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Abundantly expressed in kidney, but not in intestine.

References

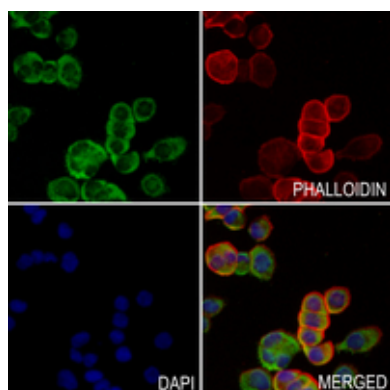
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Images



Western blot analysis of XTRP2 expression in Jurkat (A), THP1 (B), Raw264.7 (C), PC12 (D) whole cell lysates. (Predicted band size: 70 kD; Observed band size: 71 kD)



Immunofluorescent analysis of XTRP2 staining in HCCLM3 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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