

LOH12CR1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5806B

Product Information

Application	IHC-P, FC, WB, E
Primary Accession	Q969J3
Other Accession	NP_477517.1
Reactivity	Human
Predicted	Mouse, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27375
Calculated MW	22222
Antigen Region	167-196

Additional Information

Gene ID	118426
Other Names	Loss of heterozygosity 12 chromosomal region 1 protein, LOH12CR1
Target/Specificity	This LOH12CR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 167-196 amino acids from the C-terminal region of human LOH12CR1.
Dilution	IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LOH12CR1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BORCS5 (HGNC:17950)
Function	As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of

lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor. Thereby, it may indirectly play a role in cell spreading and motility.

Cellular Location

Lysosome membrane; Lipid-anchor; Cytoplasmic side

Tissue Location

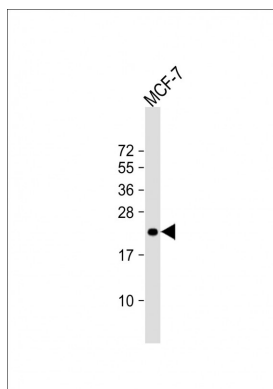
Ubiquitously expressed (at protein level).

References

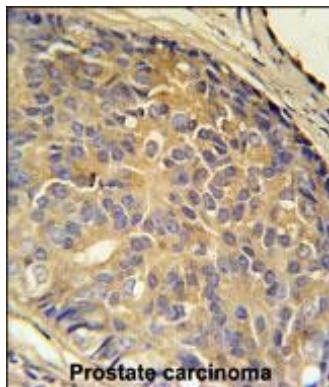
Montpetit, A., et al. Leukemia 18(9):1499-1504(2004)

Montpetit, A., et al. Eur. J. Hum. Genet. 10(1):62-71(2002)

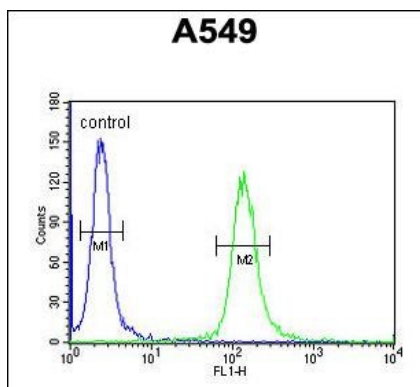
Images



Anti-LOH12CR1 Antibody (C-term) at 1:1000 dilution + MCF-7 whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



LOH12CR1 Antibody (C-term) (Cat. #AP5806b) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LOH12CR1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



LOH12CR1 Antibody (C-term) (Cat. #AP5806b) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.