

LRRC38 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11899b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q5VT99
Other Accession	NP_001010847.1
Reactivity	Human
Predicted	Mouse, Rat, Rabbit, Chicken, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29738
Calculated MW	32082
Antigen Region	188-216

Additional Information

Gene ID	126755
Other Names	Leucine-rich repeat-containing protein 38, BK channel auxiliary gamma subunit LRRC38, LRRC38
Target/Specificity	This LRRC38 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-216 amino acids from the C-terminal region of human LRRC38.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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	LRRC38 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LRRC38
Function	Auxiliary protein of the large-conductance, voltage and calcium-activated

potassium channel (BK alpha). Modulates gating properties by producing a marked shift in the BK channel's voltage dependence of activation in the hyperpolarizing direction, and in the absence of calcium.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Mainly expressed in adrenal gland, thymus and skeletal muscle.

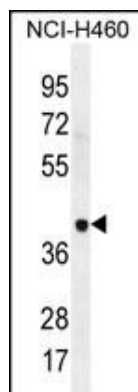
Background

The function of this protein remains unknown.

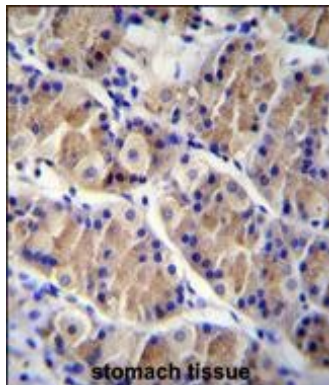
References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)

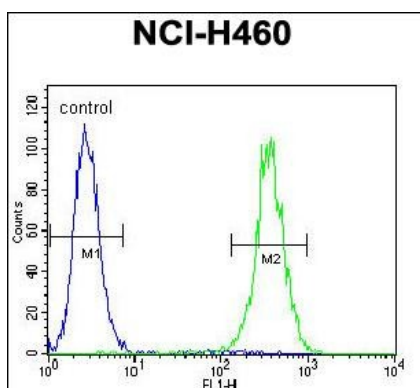
Images



LRRC38 Antibody (C-term) (Cat. #AP11899b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the LRRC38 antibody detected the LRRC38 protein (arrow).



LRRC38 Antibody (C-term) (Cat. #AP11899b) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LRRC38 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



LRRC38 Antibody (C-term) (Cat. #AP11899b) flow cytometric analysis of NCI-H460 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'.