

anti- LRRC8D antibody

Product Information

Catalog No.:	FNab04862
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Non-essential component of the volume-regulated anion channel(VRAC, also named VSOAC channel), an anion channel required to maintain a constant cell volume in response to extracellular or intracellular osmotic changes. The VRAC channel conducts iodide better than chloride and may also conduct organic osmolytes like taurine. Channel activity requires LRRC8A plus at least one other family member(LRRC8B, LRRC8C, LRRC8D or LRRC8E); channel characteristics depend on the precise subunit composition(PubMed:24790029, PubMed:26824658). LRRC8A and LRRC8D are required for the uptake of the drug cisplatin(PubMed:26530471). Mediates the import of the antibiotic blasticidin-S into the cell(PubMed:24782309).

Immunogen information

Immunogen:	leucine rich repeat containing 8 family, member D
Synonyms:	LRRC5
Observed MW:	98-120 kDa
UniprotID :	Q7L1W4

Application

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Wuhan Fine Biotech Co., Ltd.

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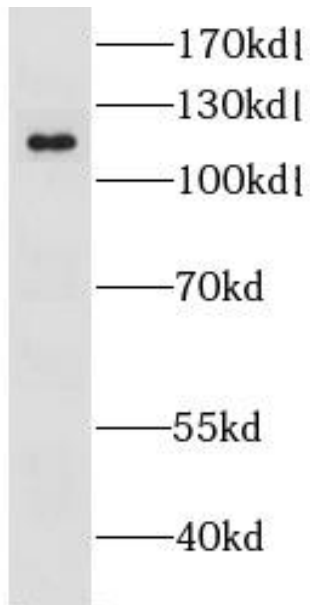
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Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab04862(LRRC8D antibody) at dilution of 1:400

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