

LRRC8B Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57072

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6P9F7
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92390

Additional Information

Gene ID	23507
Other Names	Volume-regulated anion channel subunit LRRC8B, Leucine-rich repeat-containing protein 8B, T-cell activation leucine repeat-rich protein {ECO:0000303 Ref.1}, TA-LRRP {ECO:0000303 Ref.1}, LRRC8B {ECO:0000303 PubMed:22532330, ECO:0000312 HGNC:HGNC:30692}
Dilution	IHC-P=1:100-500, IHC-F=1:100-500, ICC=1:100-500, IF=1:100-500, ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	LRRC8B {ECO:0000303 PubMed:22532330, ECO:0000312 HGNC:HGNC:30692}
Function	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 (PubMed: 24790029 , PubMed: 26824658 , PubMed: 28193731). The VRAC channel conducts iodide better than chloride and can 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 , PubMed: 28193731).
Cellular Location	Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane. Note=In the absence of LRRC8A, resides primarily in a cytoplasmic compartment, probably the endoplasmic reticulum. Requires LRRC8A for expression at the cell membrane

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