

LRRC8B Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57072**Specification****LRRC8B Polyclonal Antibody - Product Information**

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

LRRC8B Polyclonal Antibody - 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 ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

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.

LRRC8B Polyclonal Antibody - 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](http://www.uniprot.org/citations/24790029), PubMed: [26824658](http://www.uniprot.org/citations/26824658), PubMed: [28193731](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/24790029), PubMed: [26824658](http://www.uniprot.org/citations/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

LRRC8B Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LRRC8B Polyclonal Antibody - Images