

Lrrc19 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13074**Specification**

Lrrc19 Antibody - middle region - Product Information

Application	WB
Primary Accession	Q8BZT5
Other Accession	NM_175305 , NP_780514
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa kDa

Lrrc19 Antibody - middle region - Additional Information**Gene ID** 100061**Alias Symbol** **9130022A01Rik, AI314124, AL022954, AW261791****Other Names**

Leucine-rich repeat-containing protein 19, Lrrc19

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Lrrc19 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Lrrc19 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Lrrc19 Antibody - middle region - Protein Information**Name** Lrrc19 {ECO:0000312|MGI:MGI:2140219}**Function**

Pathogen-recognition receptor which mediates the activation of TRAF2- and TRAF6 NF-kappa-B signaling pathways and induces the expression of pro-inflammatory cytokines (PubMed:26776522, PubMed:19679103, PubMed:25026888). In kidney, prevents infection by uropathogenic bacteria by inducing the production of cytokines, chemokines

and antimicrobial substances (PubMed:25026888). In gut, involved in host-microbiota interactions, plays a critical role in promoting the recruitment of immune cells and intestinal inflammation (PubMed:26776522).

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Strongly expressed in kidney, also expressed in spleen, intestine and colon (PubMed:26776522, PubMed:19679103). Highly expressed in epithelial cells (PubMed:26776522). In kidney, mainly expressed in renal collecting duct epithelial cells (PubMed:25026888)

Lrrc19 Antibody - middle region - 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](#)

Lrrc19 Antibody - middle region - Images



Host: Rabbit
Target Name: Lrrc19
Sample Tissue: Mouse Heart lysates
Antibody Dilution: 1.0µg/ml

Lrrc19 Antibody - middle region - References

Carninci P., et al. Science 309:1559-1563(2005).
Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).