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Lrrc19 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13074

Product Information

Application	WB
Primary Accession	Q8BZT5
Other Accession	NM_175305, NP_780514
Reactivity	Human, Mouse, Rat, Rabbit, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41573

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.

Protein Information

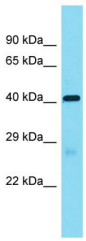
Name	Lrrc19 {ECO:0000312|MGI:MGI:2140219}
Function	Pathogen-recognition receptor which mediates the activation of TRAF2- and TRAF6 NF-kappa-B signaling pathways and induces the expression of pro-inflammatory cytokines (PubMed:19679103, PubMed:25026888, PubMed:26776522). In kidney, prevents infection 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:19679103, PubMed:26776522). Highly expressed in epithelial cells (PubMed:26776522). In kidney, mainly expressed in renal collecting duct epithelial cells (PubMed:25026888)

References

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.