

LRRC25 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54829**Specification****LRRC25 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8N386
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LRRC25
Epitope Specificity	81-180/305
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

LRRC25 is a 305 amino acid protein that contains two LRR repeats. LRRC25 is a single-pass type I membrane protein that is expressed in monocyte-derived dendritic cells (MDDC), granulocytes, monocytes, plasmacytoid dendritic cells (PDC), B-lymphocytes, peripheral blood leukocytes, spleen and bone marrow, with lower levels in lymph nodes, fetal liver, and appendix. LRRC25 may play a role in the activation of cells of innate and acquired immunity.

LRRC25 Polyclonal Antibody - Additional Information**Gene ID** 126364**Other Names**

Leucine-rich repeat-containing protein 25, Monocyte and plasmacytoid-activated protein, LRRC25, MAPA

Target/Specificity

Expressed in plasmacytoid dendritic cells (PDC), monocyte-derived dendritic cells (MDDC), granulocytes, monocytes, B-lymphocytes, peripheral blood leukocytes, spleen, bone marrow, and, to a lesser extent, lymph nodes, fetal liver, and appendix but not in thymus.

Dilution

WB~~1:1000
IHC-P~~N/A
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= "dilution_IHC-F" > 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.

LRRC25 Polyclonal Antibody - Protein Information

Name LRRC25

Synonyms MAPA

Function

Plays a role in the inhibition of RLR-mediated type I interferon signaling pathway by targeting RIGI for autophagic degradation. Interacts specifically with ISG15-associated RIGI to promote interaction between RIGI and the autophagic cargo receptor p62/SQSTM1 to mediate RIGI degradation via selective autophagy (PubMed: [29288164](http://www.uniprot.org/citations/29288164)). Also plays a role in the inhibition of NF-kappa-B signaling pathway and inflammatory response by promoting the degradation of p65/RELA.

Cellular Location

Membrane; Single-pass type I membrane protein. Cytoplasm

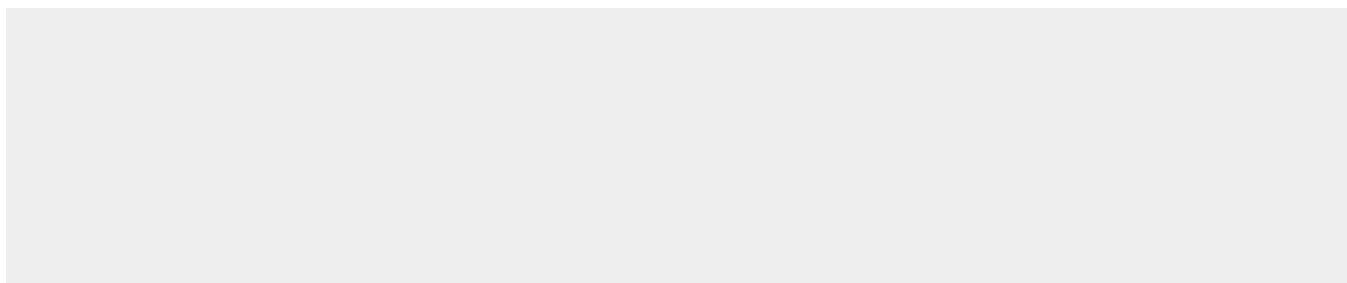
Tissue Location

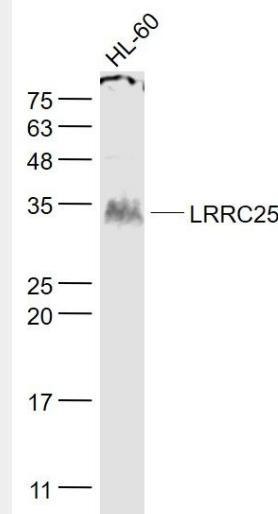
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LRRC25 Polyclonal Antibody - Protocols

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](#)

LRRC25 Polyclonal Antibody - Images

**Sample:**

HL-60(Human) Cell Lysate at 30 ug

Primary: Anti- LRRC25 (bs-12339R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31 kD

Observed band size: 31 kD