

LRRC25 Rabbit pAb

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Catalog # AP54829

Product Information

Application	WB
Primary Accession	Q8N386
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33179
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.

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=1:500-2000
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.

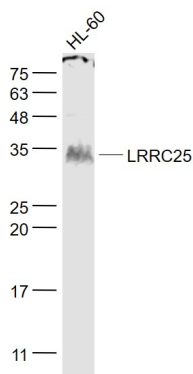
Protein Information

Name	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). 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	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.

Background

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.

Images



Sample:
HL-60(Human) Cell Lysate at 30 ug
Primary: Anti- LRRC25 (AP54829) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 31 kD
Observed band size: 31 kD

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