

Rabbit anti-Human LIR-7 Polyclonal Antibody | anti-LIR-7 antibody

LIR-7 Polyclonal Antibody

CATALOG # AAA295163	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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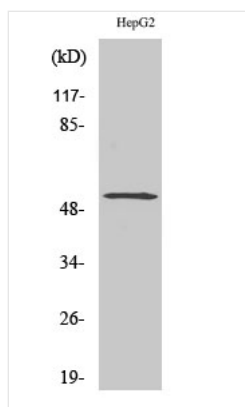
PRODUCT SYNONYMS

LIR-7; Polyclonal Antibody; LIR-7 Polyclonal Antibody; LILRA2; ILT1; LIR7; Leukocyte immunoglobulin-like receptor subfamily A member 2; CD85 antigen-like family member H; Immunoglobulin-like transcript 1; ILT-1; Leukocyte immunoglobulin-like receptor 7; CD antigen CD85h; anti-LIR-7 antibody

PRODUCT SPECIFICATIONS

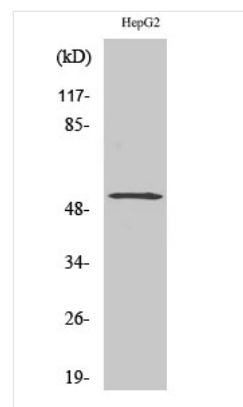
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-LIR-7 antibody	IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000.
Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-LIR-7 antibody	Part of the innate immune responses against microbial infection (PubMed:27572839). Specifically recognizes a set of N-terminally truncated immunoglobulins that are produced via cleavage by proteases from a range of pathogenic bacteria and fungi, including L.pneumophila, M.hyorhinis, S.pneumoniae, S.aureus and C.albicans (PubMed:27572839). Recognizes epitopes that are in part in the variable region of the immunoglobulin light chains, but requires also the constant region for signaling (PubMed:27572839). Binds to a subset of cleaved IgM, IgG3 and IgG4 molecules, but does not bind cleaved IgA1 (PubMed:27572839). Binding of N-terminally truncated immunoglobulins mediates activation of neutrophils (PubMed:27572839). In monocytes, activation leads to the release of CSF2, CF3, IL6, CXCL8 and CCL3 and down-regulates responses to bacterial lipopolysaccharide (LPS), possibly via down-regulation of TLR4 expression and reduced signaling via TLR4 (PubMed:22479404). In eosinophils, activation by ligand binding leads to the release of RNASE2, IL4 and leukotriene C4 (PubMed:12529506). Does not bind class I MHC antigens (PubMed:19230061).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195972797
NCBI GeneID	11027
NCBI Accession #	NP_001124389.1
NCBI GenBank Nucleotide #	NM_001130917.1
UniProt Accession #	Q8N149; O75020
Molecular Weight	52,992 Da
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily A member 2 isoform a
NCBI Official Synonym Full Names	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2
NCBI Official Symbol	LILRA2
NCBI Official Synonym Symbols	ILT1; LIR7; CD85H; LIR-7
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily A member 2; ILT-1; immunoglobulin-like transcript 1; CD85 antigen-like family member H; leukocyte immunoglobulin-like receptor 7; leukocyte immunoglobulin-like receptor subfamily A member 2 soluble
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily A member 2
UniProt Gene Name	LILRA2
UniProt Synonym Gene Names	ILT1; LIR7; ILT-1; LIR-7
UniProt Entry Name	LIRA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.