

Rabbit anti-Human, Rat LILRB1 Polyclonal Antibody | anti-LILRB1 antibody

LILRB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234678	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

LILRB1; Polyclonal Antibody; LILRB1 Antibody; Leukocyte immunoglobulin-like receptor subfamily B member 1 (LIR-1) (Leukocyte immunoglobulin-like receptor 1) (CD85 antigen-like family member J) (Immunoglobulin-like transcript 2) (ILT-2) (Monocyte/macrophage immunoglobulin-like receptor 7) (MIR-7) (CD antigen CD85j); ILT2 LIR1 MIR7; anti-LILRB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-LILRB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Leukocyte immunoglobulin-like receptor subfamily B member 1 protein (483-650AA)
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	LILRB1
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of 293 cells with AAA234678 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234678 diluted at 1:400 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: THP-1 whole cell lysate, Rat brain tissueAll lanes:
LILRB1 antibody at 3.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000
dilutionPredicted band size: 71, 72, 50 KDaObserved band size: 71 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-LILRB1 antibody	Receptor for class I MHC antigens. Recognizes a broad spectrum of HLA-A, HLA-B, HLA-C and HLA-G alleles. Receptor for H301/UL18, a human cytomegalovirus class I MHC homolog. Ligand binding results in inhibitory signals and down-regulation of the immune response. Engagement of LILRB1 present on natural killer cells or T-cells by class I MHC molecules protects the target cells from lysis. Interaction with HLA-B or HLA-E leads to inhibition of the signal triggered by FCER1A and inhibits serotonin release. Inhibits FCGR1A- mediated phosphorylation of cellular proteins and mobilization of intracellular calcium ions.
Product Categories/Family for anti-LILRB1 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	612149791
NCBI GeneID	10859
NCBI Accession #	NP_001075106.2
NCBI GenBank Nucleotide #	NM_001081637.2
UniProt Accession #	Q8NHL6; O75024; O75025; Q8NHJ9; Q8NHK0; A2IXV4; A8MXT0
NCBI Official Full Name	leukocyte immunoglobulin-like receptor subfamily B member 1 isoform 2
NCBI Official Synonym Full Names	leukocyte immunoglobulin like receptor B1
NCBI Official Symbol	LILRB1
NCBI Official Synonym Symbols	ILT2; LIR1; MIR7; PIRB; CD85J; ILT-2; LIR-1; MIR-7; PIR-B
NCBI Protein Information	leukocyte immunoglobulin-like receptor subfamily B member 1
UniProt Protein Name	Leukocyte immunoglobulin-like receptor subfamily B member 1
UniProt Gene Name	LILRB1
UniProt Synonym Gene Names	ILT2; LIR1; MIR7; LIR-1; Leukocyte immunoglobulin-like receptor 1; ILT-2; MIR-7

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/liirb1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234678>