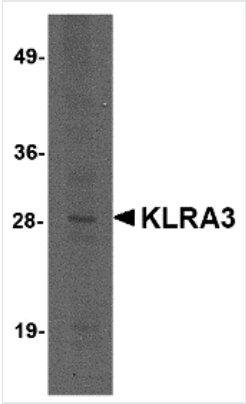
KLRA3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KLRA3, Polyclonal Antibody
Full Product Name	KLRA3 Antibody
Product Gene Name	anti-Klra3 antibody
Product Synonym Names	KLRA3; 5E6; Nk2; Nk-2; Ly49c; Nk2.1; NK-2.1; Ly-49c; Ly49C; Killer cell lectin-like receptor 3; 5E6; killer cell lectin-like receptor, subfamily A, member 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	Liquid
Purity/Purification	KLRA3 Antibody is affinity chromatography purified via peptide column.
Concentration	1 mg/mL (lot specific)
Specificity	This antibody may cross-react with other LY49 receptors.
Preparation and Storage	KLRA3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Antibody/Peptide Pairs	KLRA3 peptide (MBS152947) is used for blocking the activity of KLRA3 antibody (MBS150110)
Molecular Weight	31,311 Da
3D Structure	ModBase 3D Structure for Q64329
Conjugate	Unconjugated
Immunogen	KLRA3 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of mouse KLRA3.
Buffer	KLRA3 Antibody is supplied in PBS containing 0.02% sodium azide.
Applications Tested/Suitable for anti-Klra3 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-Klra3 antibody	KLRA3 antibody can be used for detection of KLRA3 by Western blot at 2 mug/mL.
Related Product Information for anti-Klra3 antibody	KLRA3 Antibody: KLRA3 (also known as Ly49C) is a member of the LY49 family of receptors in Natural Killer (NK) cells that bind to major histocompatibility complex (MHC) class 1. These proteins are classified as either activating or inhibitory receptors based on whether they possess an immunoreceptor tyrosine-based inhibitory motif (ITIM) in their cytoplasmic region (for inhibitory receptors), or an immunoreceptor tyrosine-based activation motif (ITAM) that transmits activating signals resulting in phosphorylation of several substrates. KLRA3 is thought to be an inhibitory receptor, recognizing peptide -receptive H-2Kb.
Other Notes	Small volumes of anti-Klra3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Klra3 purchase	MBS150110 is an antibody targeting Klra3. Also known as KLRA3 Antibody. Reactive in Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-Klra3 antibody
Western blot analysis of KLRA3 in mouse brain tissue lysate with KLRA3 antibody at 2 ? g/mL.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Klra3. It may not necessarily be applicable to this product.

NCBI GI #	124376782
NCBI GeneID	16634
NCBI Accession #	AAI32525
UniProt Primary Accession #	Q64329
UniProt Secondary Accession #	Q3TWQ1; Q3ZB40; Q499I4; Q61154; Q61198; Q64257
UniProt Related Accession #	Q64329
NCBI Official Full Name	Klra3 protein
NCBI Official Synonym Full Names	killer cell lectin-like receptor, subfamily A, member 3
NCBI Official Symbol	Klra3
NCBI Official Synonym Symbols	5E6; Nk2; Nk-2; Ly49c; Nk2.1; NK-2.1
UniProt Protein Name	Killer cell lectin-like receptor 3
UniProt Synonym Protein Names	5E6; Lymphocyte antigen 49c; Ly-49c; Nk2.1; T-cell surface glycoprotein Ly-49C
Protein Family	Killer cell lectin-like receptor
UniProt Gene Name	Klra3
UniProt Synonym Gene Names	Ly-49c; Ly49C; Ly-49c
UniProt Entry Name	KLRA3_MOUSE
NCBI Protein Information	killer cell lectin-like receptor 3; lymphocyte antigen 49c; T-cell surface glycoprotein Ly-49C; natural killer cell-associated antigen 2
UniProt Comments for Klra3	Receptor on natural killer (NK) cells for class I MHC.
Research Articles on Klra3	**1.** murine cytomegalovirus infection results in altered NK cell activation
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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