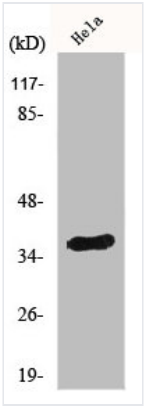
IGHA1/IGHA2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IGHA1/IGHA2, Polyclonal Antibody
Full Product Name	IGHA1/IGHA2 Antibody
Product Gene Name	anti-IGHA1/IGHA2 antibody
Product Synonym Names	IGHA1; Ig alpha-1 chain C region; IGHA2; Ig alpha-2 chain C region
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	160,000
Chromosome Location	Chromosome: 14; NC_000014.8 (106173505..106175001, complement). Location: 14q32.33
OMIM	146900
3D Structure	ModBase 3D Structure for P01876
Immunogen	Synthesized peptide derived from the Internal region of human IgA.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-IGHA1/IGHA2 antibody	Immunology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IGHA1/IGHA2 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-IGHA1/IGHA2 antibody	WB: 1:500-1:2000 IHC: 1:100-1:300 ELISA: 1:40000
Related Product Information for anti-IGHA1/IGHA2 antibody	MBS7116481 is an antibody targeting IGHA1/IGHA2. Also known as IGHA1/IGHA2 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-IGHA1/IGHA2 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.



Western Blot (WB) of anti-IGHA1/IGHA2 antibody
Western Blot analysis of HeLa cells using IgA Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IGHA1/IGHA2. It may not necessarily be applicable to this product.

NCBI GI #	113584
NCBI GeneID	3493
NCBI Accession #	P01876.2
UniProt Primary Accession #	P01876
UniProt Secondary Accession #	P01877
UniProt Related Accession #	P01876
NCBI Official Full Name	Ig alpha-1 chain C region
NCBI Official Synonym Full Names	immunoglobulin heavy constant alpha 1
NCBI Official Symbol	IGHA1
NCBI Official Synonym Symbols	IgA1
UniProt Protein Name	Ig alpha-1 chain C region
UniProt Gene Name	IGHA1
UniProt Entry Name	IGHA1_HUMAN
UniProt Comments for IGHA1/IGHA2	IGHA1: Ig alpha is the major immunoglobulin class in body secretions. It may serve both to defend against local infection and to prevent access of foreign antigens to the general immunologic system. A chromosomal aberration involving IGHA1 is found in multiple myeloma (MM) cell lines. Translocation t(1;14)(q21;q32) that forms a FCRL4-IGHA1 fusion protein. Protein type: Immunoglobulin superfamily Chromosomal Location of Human Ortholog: 14q32.33 Cellular Component: extracellular space; extracellular region Molecular Function: antigen binding Biological Process: retinal homeostasis; receptor-mediated endocytosis; glomerular filtration; antibacterial humoral response; immune response; protein-chromophore linkage
Research Articles on IGHA1/IGHA2	**1.** In breast cancer, elevated levels of antibodies recognizing aberrant MUC1 are associated with better outcome, whereas in IgA nephropathy, the antibodies recognizing aberrant IgA1 are part of the pathogenetic process. [review]

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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/igha1-igha2/7116481