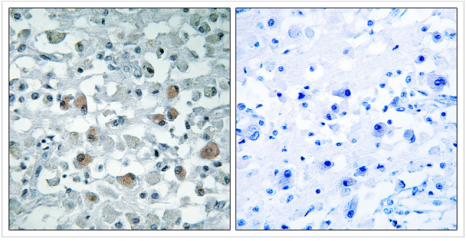
EIF1AY Antibody

PRODUCT OVERVIEW

Product Name	EIF1AY, Antibody
Full Product Name	EIF1AY Antibody
Product Gene Name	anti-EIF1AY antibody
Product Synonym Names	Eukaryotic translation initiation factor 1A; Y-chromosomal; eIF-1A Y isoform; eIF-4C
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	EIF1AY antibody detects endogenous levels of total EIF1AY protein.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	16,442 Da
OMIM	400014
3D Structure	ModBase 3D Structure for O14602
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human EIF1AY.
Product Categories/Family for anti-EIF1AY antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EIF1AY antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-EIF1AY antibody	IHC: 1:50-1:100 ELISA: 1:5000
Related Product Information for anti-EIF1AY antibody	MBS854182 is an antibody targeting EIF1AY. Also known as EIF1AY Antibody. Reactive in Human, Mouse, Rat.
Product References and Citations for anti-EIF1AY antibody	Lahn B.T., Science 278:675-680(1997). Kalnine N., Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. The MGC Project Team; Genome Res. 14:2121-2127(2004).
Other Notes	Small volumes of anti-EIF1AY 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.



Immunohistochemistry (IHC) of anti-EIF1AY antibody
Peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using EIF1AY antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EIF1AY. It may not necessarily be applicable to this product.

NCBI GI #	519666785
NCBI GeneID	9086
NCBI Accession #	NP_001265541.1
UniProt Primary Accession #	O14602
UniProt Secondary Accession #	Q9BS77
UniProt Related Accession #	O14602
GenBank Nucleotide #	NM_001278612.1
NCBI Official Full Name	eukaryotic translation initiation factor 1A, Y-chromosomal isoform 2
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 1A Y-linked
NCBI Official Symbol	EIF1AY
NCBI Official Synonym Symbols	eIF-4C
UniProt Protein Name	Eukaryotic translation initiation factor 1A, Y-chromosomal
UniProt Synonym Protein Names	Eukaryotic translation initiation factor 4C; eIF-4C
Protein Family	Eukaryotic translation initiation factor
UniProt Gene Name	EIF1AY
UniProt Synonym Gene Names	eIF-1A Y isoform; eIF-4C
NCBI Protein Information	eukaryotic translation initiation factor 1A, Y-chromosomal
NCBI Summary for EIF1AY	This gene is located on the non-recombining region of the Y chromosome. It encodes a protein related to eukaryotic translation initiation factor 1A (EIF1A), which may function in stabilizing the binding of the initiator Met-tRNA to 40S ribosomal subunits. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
UniProt Comments for EIF1AY	Seems to be required for maximal rate of protein biosynthesis. Enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40 S ribosomal subunits ().
Research Articles on EIF1AY	**1.** The N-terminal tail of eIF1A mediates the interaction with eIF5 and eIF1.
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/human-mouse-rat-antibody/eif1ay/854182