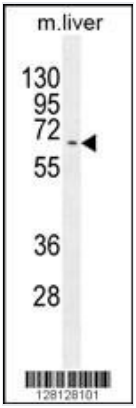
KY Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KY, Polyclonal Antibody
Full Product Name	KY, NT (KY, Kyphoscoliosis peptidase) (Azide free) (HRP)
Product Gene Name	anti-KY antibody
Product Synonym Names	KY; Kyphoscoliosis peptidase
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	63,855 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (134318765..134369864, complement). Location: 3q22.2
OMIM	605739
3D Structure	ModBase 3D Structure for Q8NBH2
Immunogen	KY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 111-141 amino acids from the N-terminal region of human KY.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-KY antibody	Antibodies; Enzymes; Protease (Proteinase; Peptidase)
Applications Tested/Suitable for anti-KY antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-KY antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-KY antibody	MBS6314979 is an antibody targeting KY. Also known as KY, NT (KY, Kyphoscoliosis peptidase) (Azide free) (HRP). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-KY antibody	Rose, J. Phd, et al. Mol. Med. (2010). In press: Beatham, J., et al. Hum. Mol. Genet. 13(22):2863-2874(2004).
Other Notes	Small volumes of anti-KY 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-KY antibody
KY Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the KY antibody detected the KY protein (arrow).

ADDITIONAL DETAILS

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

NCBI GI #	148806932
NCBI GeneID	339855
NCBI Accession #	NP_848649.3
UniProt Primary Accession #	Q8NBH2
UniProt Secondary Accession #	Q6ZT15; B7Z1S4
UniProt Related Accession #	Q8NBH2
GenBank Nucleotide #	NM_178554.4
NCBI Official Full Name	kyphoscoliosis peptidase
NCBI Official Synonym Full Names	kyphoscoliosis peptidase
NCBI Official Symbol	KY
UniProt Protein Name	Kyphoscoliosis peptidase
Protein Family	Kynureninase
UniProt Gene Name	KY
UniProt Entry Name	KY_HUMAN
NCBI Protein Information	kyphoscoliosis peptidase
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-mouse-antibody/ky/6314979