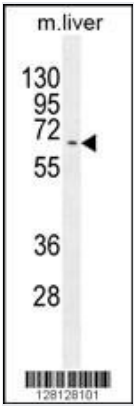
KY Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KY, Polyclonal Antibody
Full Product Name	KY, NT (KY, Kyphoscoliosis peptidase) (APC)
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 Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial 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	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-KY antibody	Antibodies; Enzymes; Protease (Proteinase; Peptidase)
Applications Tested/Suitable for anti-KY antibody	Western Blot (WB), FLISA
Application Notes for anti-KY antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-KY antibody	MBS6314976 is an antibody targeting KY. Also known as KY, NT (KY, Kyphoscoliosis peptidase) (APC). 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
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