10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KY Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10410a

Specification

KY Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NBH2
Other Accession	NP_848649.3
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**75153**
Antigen Region	**104-133**

KY Antibody (N-term) - Additional Information

Gene ID 339855

Other Names
Kyphoscoliosis peptidase, 34--, KY

Target/Specificity
This KY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-133 amino acids from the N-terminal region of human KY.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
KY Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KY Antibody (N-term) - Protein Information

Name KY (HGNC:26576)

Function Probable cytoskeleton-associated protease required for normal muscle growth. Involved in function, maturation and stabilization of the neuromuscular junction. May act by cleaving

muscle-specific proteins such as FLNC (By similarity).

Cellular Location
Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line

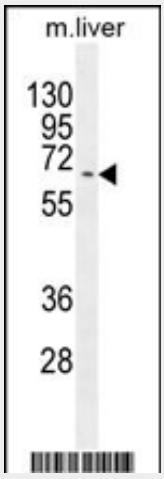
Tissue Location
Highly expressed in skeletal muscle.

KY Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KY Antibody (N-term) - Images



KY Antibody (N-term) (Cat. #AP10410a) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the KY antibody detected the KY protein (arrow).

KY Antibody (N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Beatham, J., et al. Hum. Mol. Genet. 13(22):2863-2874(2004)