

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

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**KY Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q8NBH2</a>
Other Accession	<a href="#">NP_848649.3</a>
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

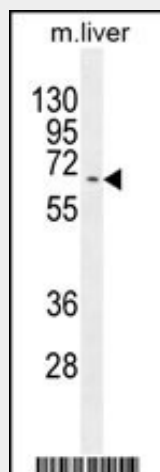
**Tissue Location**

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 Cytometry](#)
- [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)