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Datasheet for ABIN1389716

## anti-Kyphoscoliosis Peptidase antibody (AA 51-150) (FITC)

### Overview

Quantity:	100 µL
Target:	Kyphoscoliosis Peptidase (KY)
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kyphoscoliosis Peptidase antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Kyphoscoliosis peptidase
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Pig
Purification:	Purified by Protein A.

### Target Details

Target:	Kyphoscoliosis Peptidase (KY)
Alternative Name:	KY/Kyphoscoliosis peptidase ( <a href="#">KY Products</a> )
Background:	Synonyms: KY, KY_HUMAN, Kyphoscoliosis peptidase.

## Target Details

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Background: KY peptidase (Kyphoscoliosis peptidase) is a 561 amino acid cytoskeleton protease that interacts with several sarcomeric cytoskeletal proteins, including Filamin 2. KY peptidase probably plays a role in the maturation, function and stabilization of the neuromuscular junction. KY-null mouse mutants exhibit distinct irregular subcellular Filamin 2 localization, suggesting that KY peptidase deficiency may be the cause of several types of limb-girdle muscular dystrophies.

Gene ID: 339855

Pathways: [Skeletal Muscle Fiber Development](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months