Datasheet for ABIN1389712

# anti-Kyphoscoliosis Peptidase antibody (AA 51-150) (AbBy Fluor® 488)

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## Overview

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| 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 AbBy Fluor® 488 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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| 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

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|---|---|
| Target: | Kyphoscoliosis Peptidase (KY) |
| Alternative Name: | KY/Kyphoscoliosis peptidase (KY Products) |
| 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 subceullular 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<br>IF(IHC-F) 1:50-200<br>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 |