

Datasheet for ABIN5006000

anti-Kyphoscoliosis Peptidase antibody (AA 51-150) (AbBy Fluor® 680)



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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® 680 |
| 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

| | |
|-------------------|---|
| Target: | Kyphoscoliosis Peptidase (KY) |
| Alternative Name: | KY/Kyphoscoliosis peptidase (KY Products) |
| Background: | Synonyms: KY, KY_HUMAN, Kyphoscoliosis peptidase. |

Target Details

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

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

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