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Datasheet for ABIN7435772
anti-MUSK antibody (AA 517-777)

5 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | MUSK |
| Binding Specificity: | AA 517-777 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MUSK antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK) |
| Immunogen: | Recombinant Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK) corresponding to Cys517~Arg777 (Accession # Q61006) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against MUSK. It has been selected for its ability to recognize MUSK in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

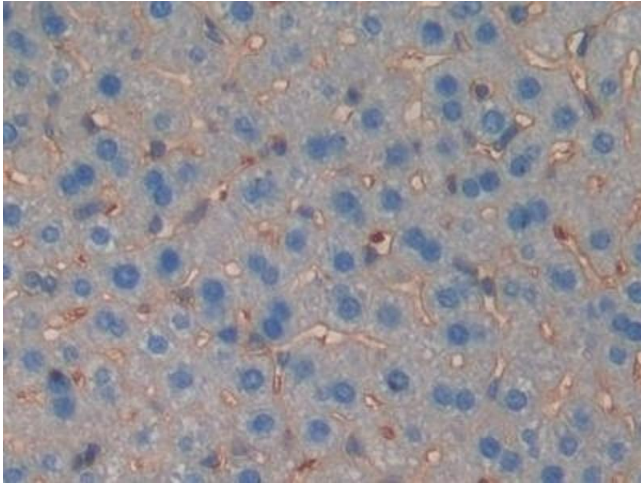
| | |
|-------------------|---|
| Target: | MUSK |
| Alternative Name: | Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK Products) |
| Background: | Muscle-specific tyrosine-protein kinase receptor, Muscle-specific kinase receptor |
| Pathways: | RTK Signaling , Regulation of Muscle Cell Differentiation , Synaptic Membrane , Regulation of Cell Size , Skeletal Muscle Fiber Development |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

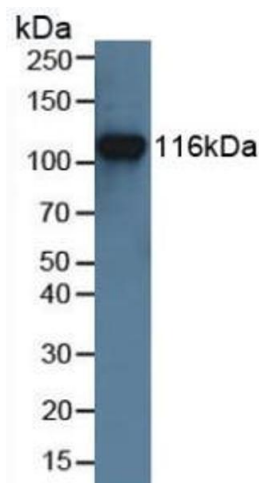
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



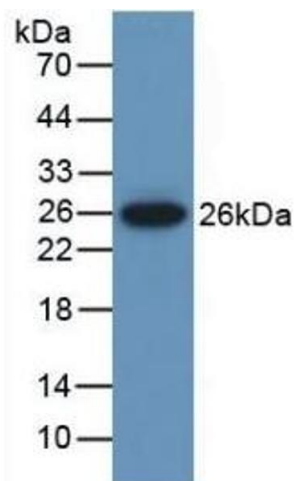
Immunohistochemistry

Image 1. Detection of MUSK in Mouse Liver Tissue using Polyclonal Antibody to Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK)



Western Blotting

Image 2. Detection of MUSK in Human Jurkat Cells using Polyclonal Antibody to Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK)



Western Blotting

Image 3. Detection of Recombinant MUSK, Mouse using Polyclonal Antibody to Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7435772.