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Datasheet for ABIN3017365 anti-TPM2 antibody

9 Images



Overview

| Quantity: | 100 μL |
|--------------|---------------------------------------------------------------------------------------------------------|
| Target: | TPM2 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TPM2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF) |

Product Details

| Immunogen: | A synthetic peptide of human TPM2 |
|-------------------|-----------------------------------|
| Isotype: | lgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |

Target Details

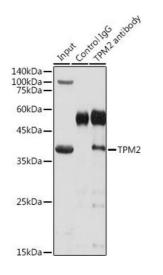
| Target: | TPM2 |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | TPM2 (TPM2 Products) |
| Background: | This gene encodes beta-tropomyosin, a member of the actin filament binding protein family, and mainly expressed in slow, type 1 muscle fibers. Mutations in this gene can alter the expression of other sarcomeric tropomyosin proteins, and cause cap disease, nemaline |

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Target Details

| | myopathy and distal arthrogryposis syndromes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.,TPM2,AMCD1,DA1,DA2B,HEL-S- 273,NEM4,TMSB,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Microfilaments,Actins,TPM2 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | 28 kDa/32 kDa |
| Gene ID: | 7169 |
| UniProt: | P07951 |
| Application Details | |
| Application Notes: | WB,1:500 - 1:1000,IHC,1:50 - 1:100,IF,1:50 - 1:100,IP,1:50 - 1:100 |
| Restrictions: | For Research Use only |
| Handling | |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

Validation report #104531 for Western Blotting (WB)

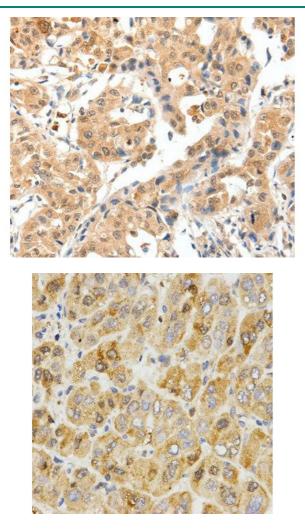


Immunoprecipitation

Image 1. Immunoprecipitation analysis of 300 µg extracts of Mouse skeletal muscle cells using 3 µg TPM2 antibody (ABIN3017364, ABIN3017365, ABIN3017366 and ABIN6220054). Western blot was performed from the immunoprecipitate using TPM2 antibody (ABIN3017364, ABIN3017365, ABIN3017366 and ABIN6220054) at a dilition of 1:1000.

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| Immunohistochemistry |
|----------------------|
| Image 2. |
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| |
| |
| |

Immunohistochemistry

Image 3.

Please check the product details page for more images. Overall 9 images are available for ABIN3017365.

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