


Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] ab133292

 **RabMAb**

★★★★★ [3 Abreviews](#) [4 References](#) [4 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-Tropomyosin 1 (alpha) + Tropomyosin 3抗体[EPR5159] |
| 描述 | 兔单克隆抗体[EPR5159] to Tropomyosin 1 (alpha) + Tropomyosin 3 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, IHC-P |
| 种属反应性 | 与反应: Mouse, Rat, Human 预测可用于: Pig  |
| 免疫原 | Synthetic peptide within Human Tropomyosin 1 (alpha) aa 250-350 (C terminal). The exact sequence is proprietary. |
| 阳性对照 | Human skeletal muscle, Human heart, HUVEC, C6, RAW 264.7, PC12 and NIH 3T3 cell lysates; Human muscle tissue. |
| 常规说明 | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C. |
| 存储溶液 | pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant |

| | |
|------|--------------------|
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | EPR5159 |
| 同种型 | IgG |

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab133292于以下的经测试应用

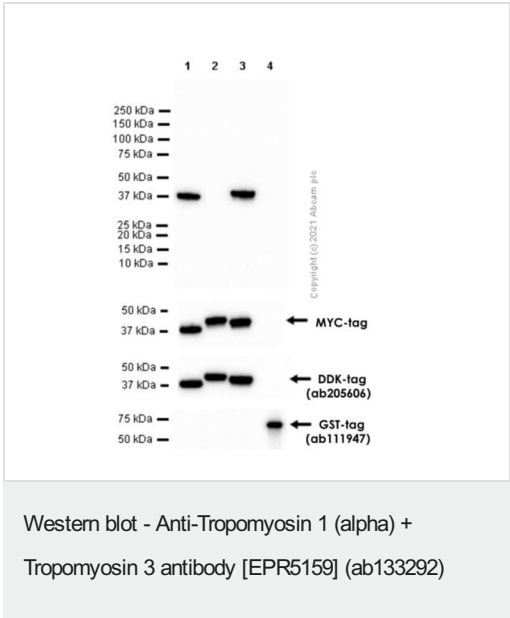
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|-------|-----------|--|
| WB | ★★★★★ (1) | 1/1000 - 1/10000. Detects a band of approximately 32-41 kDa (predicted molecular weight: 33 kDa). |
| IHC-P | | 1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |

靶标

细胞定位 Tropomyosin 1 (alpha): Cytoplasm > cytoskeleton. Tropomyosin 3: Cytoplasm > cytoskeleton.

图片



All lanes : Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] (ab133292) at 1/1000 dilution

Lane 1 : MYC and DDK-tagged Recombinant Human TPM1 protein (Full length)

Lane 2 : MYC and DDK-tagged Recombinant Human TPM2 protein (Full length)

Lane 3 : MYC and DDK-tagged Recombinant Human TPM3 protein (Full length)

Lane 4 : GST-tagged Recombinant Human TPM4 protein (Full length)

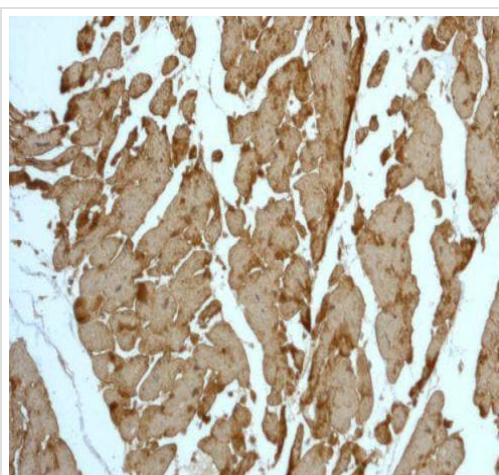
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution (Goat Anti-Rabbit IgG (H+L) Peroxidase conjugated)

Predicted band size: 33 kDa

Blocking and Diluting buffer and concentration: 5% NFDM/TBST.

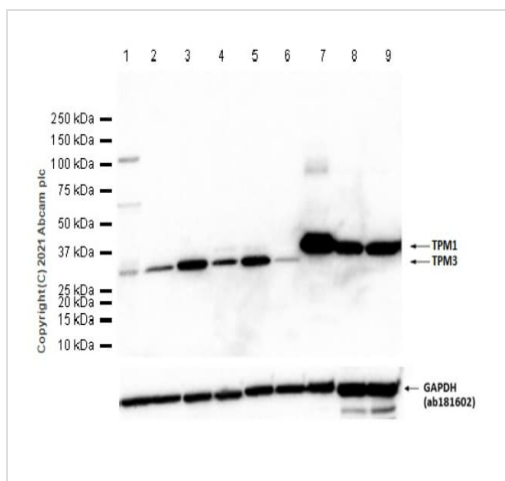
Exposure time: 20 seconds.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] (ab133292)

Immunohistochemical analysis of paraffin-embedded Human muscle tissue labelling Tropomyosin 1 (alpha) with ab133292 at 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] (ab133292)

All lanes : Anti-Tropomyosin 1 (alpha) + Tropomyosin 3 antibody [EPR5159] (ab133292) at 1/1000 dilution

Lane 1 : HT-1080 (Human fibrosarcoma epithelial cell) whole cell lysate

Lane 2 : HUVEC (Human umbilical vein endothelial cell) whole cell lysate

Lane 3 : Raw264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysate

Lane 4 : NIN/3T3 (Mouse embryonic fibroblast) whole cell lysate

Lane 5 : C6 (Rat glial tumor glial cell) whole cell lysate

Lane 6 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysate

Lane 7 : Human skeletal muscle tissue lysate

Lane 8 : Mouse skeletal muscle tissue lysate

Lane 9 : Rat skeletal muscle tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 33 kDa

Observed band size: 32,37 kDa





Exposure time: 10 seconds

Blocking and Diluting buffer and concentration: 5% NFDm/TBST.

Exposure time: 10 seconds.

The band sizes observed are consistent with PMID: 9168473,
PMID: 22965424, PMID: 16765662.

Why choose a recombinant antibody?

| | |
|--|--|
|  <p>Research with confidence Consistent and reproducible results</p> |  <p>Long-term and scalable supply Recombinant technology</p> |
|  <p>Success from the first experiment Confirmed specificity</p> |  <p>Ethical standards compliant Animal-free production</p> |

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