

Product datasheet

Anti-PADI3 / PAD3 antibody [EPR12165(B)] ab172959

Recombinant RabMAb

[3 References](#) [3 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-PADI3 / PAD3 antibody [EPR12165(B)] |
| Description | Rabbit monoclonal [EPR12165(B)] to PADI3 / PAD3 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IP Unsuitable for: ICC/IF or IHC-P |
| Species reactivity | Reacts with: Human Does not react with: Mouse, Rat |
| Immunogen | Synthetic peptide within Human PADI3/ PAD3 aa 350-450 (Cysteine residue). The exact sequence is proprietary. Database link: Q9ULW8 |
| Positive control | Human fetal muscle, skeletal muscle and skin lysates. |
| General notes | This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant |
| Purity | Protein A purified |

| | |
|---------------------|-------------|
| Clonality | Monoclonal |
| Clone number | EPR12165(B) |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab172959 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

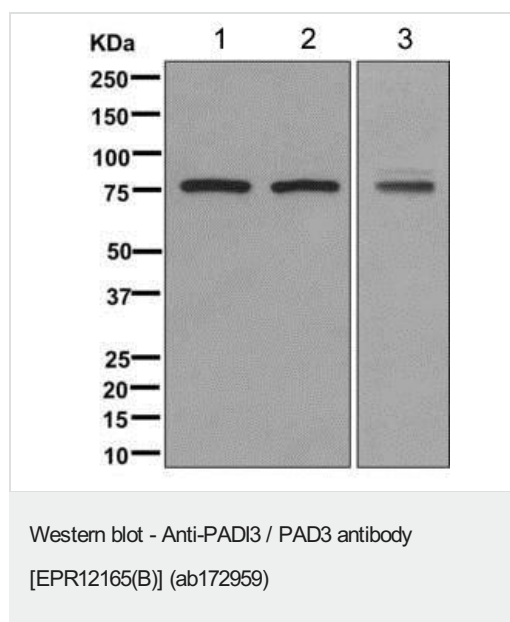
| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | | 1/1000 - 1/5000. Predicted molecular weight: 75 kDa. |
| IP | | 1/10 - 1/100. |

Application notes Is unsuitable for ICC/IF or IHC-P.

Target

| | |
|------------------------------|---|
| Function | Catalyzes the deimination of arginine residues of proteins. |
| Tissue specificity | Hair follicles, and epidermis at very low levels. |
| Sequence similarities | Belongs to the protein arginine deiminase family. |
| Cellular localization | Cytoplasm. |

Images



All lanes : Anti-PADI3 / PAD3 antibody [EPR12165(B)] (ab172959) at 1/1000 dilution

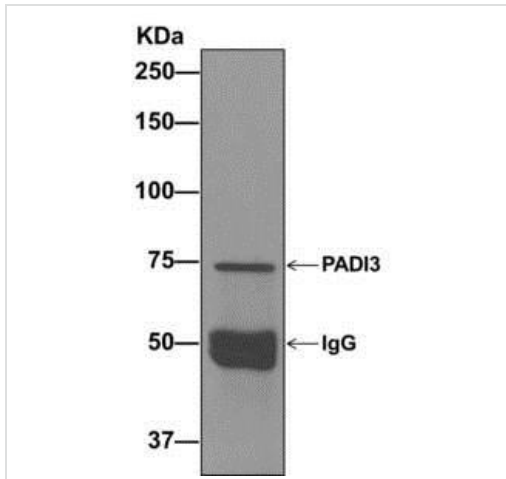
Lane 1 : Human fetal muscle lysate

Lane 2 : Human skeletal muscle lysate

Lane 3 : Human skin lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 75 kDa



Western blot analysis on immunoprecipitation pellet from Human fetal muscle lysate immunoprecipitated using ab172959 at 1/10 dilution.

Immunoprecipitation - Anti-PADI3 / PAD3 antibody [EPR12165(B)] (ab172959)

Why choose a recombinant antibody?

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

Anti-PADI3 / PAD3 antibody [EPR12165(B)] (ab172959)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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