

## Product datasheet

# Anti-MURF3 antibody ab82929

1 Image

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-MURF3 antibody   |
| <b>Description</b>         | Rabbit polyclonal to MURF3  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB, ELISA  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog  |
| <b>Immunogen</b>           | Synthetic peptide corresponding to a region within N terminal amino acids 2-51 (NFTVGFKPLL GDAHSMNDNLE KQLICPICLE MFSKPVVILP CQHNLCKRKA) of Human MURF3 (NP_115935).<br><a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a> |
| <b>Positive control</b>    | HeLa cell lysate.   |

### Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| <b>Storage buffer</b>       | Preservative: None<br>Constituents: 2% Sucrose, PBS  |
| <b>Purity</b>               | Immunogen affinity purified  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Isotype</b>              | IgG  |

### Applications

Our [Abpromise guarantee](#) covers the use of **ab82929** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

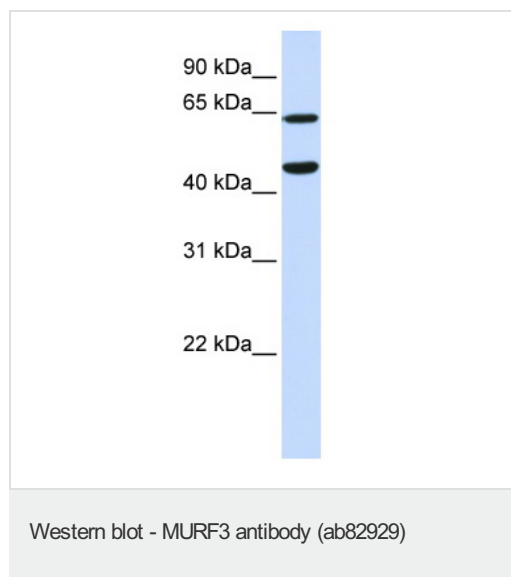
| Application | Abreviews | Notes  |
|-------------|-----------|--|
| WB          |           | Use a concentration of 1 µg/ml. Predicted molecular weight: 45 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T. |

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| ELISA       |           | Use at an assay dependent concentration.<br>ELISA titre using peptide based assay 1/312500. |

## Target

|                              |   |
|------------------------------|---|
| <b>Function</b>              | May bind and stabilize microtubules during myotubes formation.  |
| <b>Tissue specificity</b>    | Specifically expressed in heart and skeletal muscle.  |
| <b>Sequence similarities</b> | Contains 1 B box-type zinc finger.<br>Contains 1 COS domain.<br>Contains 1 RING-type zinc finger.   |
| <b>Cellular localization</b> | Cytoplasm > cytoskeleton. Cytoplasm > myofibril > sarcomere > Z line. Associates with microtubules. Localizes to the Z-lines in skeletal muscles. |

## Images



Anti-MURF3 antibody (ab82929) at 1 µg/ml (in 5% skim milk / PBS buffer) + HeLa cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 45 kDa

**Observed band size:** 45 kDa

**Additional bands at:** 64 kDa. We are unsure as to the identity of these extra bands.

Gel concentration 12%

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