Datasheet for ABIN2779955
anti-Musculin antibody (C-Term)

### Overview

<table>
<thead>
<tr>
<th>Quantity</th>
<th>100 μL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>Musculin (MSC)</td>
</tr>
<tr>
<td>Binding Specificity</td>
<td>C-Term</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Human, Mouse, Rabbit, Cow, Rat, Dog, Horse, Guinea Pig</td>
</tr>
<tr>
<td>Host</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Conjugate</td>
<td>This Musculin antibody is un-conjugated</td>
</tr>
<tr>
<td>Application</td>
<td>Western Blotting (WB)</td>
</tr>
</tbody>
</table>

### Product Details

<table>
<thead>
<tr>
<th>Immunogen</th>
<th>The immunogen is a synthetic peptide directed towards the C terminal region of mouse Msc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sequence</td>
<td>IAHLRQLLQE DRYEDSYVHP VNLTPFVS GRPDSKDV SAANRLCGTS</td>
</tr>
<tr>
<td>Predicted Reactivity</td>
<td>Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 86%, Human: 86%, Mouse: 100%, Rabbit: 79%, Rat: 93%</td>
</tr>
<tr>
<td>Characteristics</td>
<td>This is a rabbit polyclonal antibody against Msc. It was validated on Western Blot.</td>
</tr>
<tr>
<td>Purification</td>
<td>Affinity Purified</td>
</tr>
</tbody>
</table>

### Target Details

<table>
<thead>
<tr>
<th>Target</th>
<th>Musculin (MSC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative Name</td>
<td>Msc (MSC Products)</td>
</tr>
</tbody>
</table>
### Target Details

**Background:**
Msc is a transcription repressor that blocks myogenesis and activation of E-box dependent muscle genes.

*Alias Symbols: MyoR, bHLHa22*

*Protein Size: 201*

**Molecular Weight:**
21 kDa

**Gene ID:**
17681

**NCBI Accession:**
NM_010827, NP_034957

**UniProt:**
O88940

### Application Details

**Application Notes:**
Optimal working dilutions should be determined experimentally by the investigator.

**Comment:**
Antigen size: 201 AA

**Restrictions:**
For Research Use only

### Handling

**Format:**
Liquid

**Concentration:**
Lot specific

**Buffer:**
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

**Preservative:**
Sodium azide

**Precaution of Use:**
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:**
Avoid repeated freeze-thaw cycles.

**Storage:**
-20 °C

**Storage Comment:**
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Western Blotting

Image 1. WB Suggested Anti-Msc Antibody Titration: 0.2-1 
ug/ml Positive Control: Mouse Small Intestine