B6.129S7-Chrna7<sup>tm1Bay/J</sup>

Additional Use Restrictions Apply

Stock No: 003232 Acr 7-

Geneic, Targeted Mutation

Overview

Also Known As: Acr 7-

These alpha7 nicotinic acetylcholine receptor knockout mice may be useful in studying the cholinergic anti-inflammatory pathway; including inflammatory neurotoxicity in stroke, myocardial infarction, sepsis and Alzheimer’s disease, as well as neuropsychiatric diseases such as schizophrenia.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>C57BL/6</td>
<td>N8N2F5</td>
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<td>(02-APR-18&lt;)</td>
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<table>
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<tr>
<th>Chrna7&lt;sup&gt;tm1Bay&lt;/sup&gt;</th>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
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<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Chrna7</td>
<td>cholinergic receptor, nicotinic, alpha polypeptide 7</td>
<td></td>
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</tbody>
</table>

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