STOCK Ape\textsuperscript{tm1unc} \textsuperscript{Tg(APOE3*R224Q)1Her/J}

**Additional Use Restrictions Apply**

Stock No: 029818 | bEKO

- Targeted Mutation, Transgenic

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**Overview**

*Also Known As: bEKO, bEKO*

These bEKO (brain ApoE knock-out) mice carry a knock-out allele of Ape\textsubscript{o} and a transgene containing mutant R224Q human APOE sequence, and express the APOE protein in peripheral tissues but with significantly reduced expression in the brain. These mice may be suitable for use in studies related to Alzheimer's disease.

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### Genetic overview

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<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<td>(16-JAN-18&lt;)</td>
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<tr>
<th>Ape\textsubscript{o} \textsuperscript{tm1unc}</th>
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<tr>
<td><strong>Allele Type</strong></td>
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<tr>
<td><strong>Gene Symbol</strong></td>
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<td><strong>Gene Name</strong></td>
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**Tg(APOE3*R224Q)1Her**

| **Allele Type** | Transgenic (Humanized sequence, Inserted expressed sequence) |

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