Distributed By:
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Japan Quality

IBL has maintained ISO13485 certification since 2009. All our antibodies and ELISA products are manufactured and controlled in-house at our head office and main laboratory located in Japan. We are proud and confident in the quality of our products and services.

IBL carefully conducts all processes of antibody development with the utmost attention to the process of selecting sequence, immunization, screening, and cloning to find the best antibodies for a particular purpose. Our mission is to consistently supply quality products that are both highly specific and sensitive.

IBL has an extensive global supply network. Please feel free to contact us Email: do-ibl@ibl-japan.co.jp if you have any questions.

Aging,
Neurodegenerative
Alzheimer’s disease (AD) etc.

- APP
- Amyloid β
- Tau
- α-Klotho

Unique & Niche, Antibody & ELISA
ELISA Aging, Neurodegenerative Alzheimer’s disease (AD) etc.

IBL started to focus on research and development in Alzheimer’s disease (AD) around 1985. Since then we have been lining up ELISA and antibody products that detect important proteins in relation to “the amyloid hypothesis” such as Amyloid-beta Precursor Protein (APP), Amyloidβ and Tau protein. IBL has been manufacturing and supplying these products for over 20 years.

**APP / Amyloid β**

APP695 aa – Transmembrane (TM) protein / mainly expressed in neuron cell

<table>
<thead>
<tr>
<th>BACE (β-secretase) Inhibitor</th>
<th>β-secretase</th>
<th>α-secretase</th>
<th>γ-secretase</th>
<th>InterCellular</th>
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</thead>
<tbody>
<tr>
<td>APP</td>
<td>596</td>
<td>797</td>
<td>612</td>
<td>613</td>
</tr>
<tr>
<td>N</td>
<td>639</td>
<td>640</td>
<td>605</td>
<td></td>
</tr>
</tbody>
</table>

**Amyloid β**

- Soluble sAPPα
- Soluble sAPPβ
- Amyloid β

**Aggregated**

- Amyloid β
- Oligomer
- Scale Plaque (SP)

**APP**

- #2717 h, β (1-38) FL
- #2717 h, β (1-40) FL
- #2719 h, β (1-42) FL
- #27709 h, β (1-42) FL
- #277199 h, β (1-40) FL
- #27721 h, β (1-40) FL
- #27725 h, β (1-40) FL
- #277275 h, β (1-40) FL
- #277275 h, β (1-40) FL (specific)
- #27729 h, β (1-38) FL

**α-Klotho**

α-Klotho – Transmembrane (TM) protein / mainly expressed in kidneys and parathyroid gland

α (Alpha) - Klotho protein is a one-transmembrane protein (130 kDa) that expresses in kidneys and the parathyroid gland and it has an important role for regulating mineral metabolism. It is considered that early aging-like symptoms are induced in α-Klotho knockout mice so it has also been focused on during research of Alzheimer’s disease. #27998 Human soluble α-Klotho specifically detects human soluble α-Klotho, KLI and KLI–KLS

**Tau / Phosphorylated Tau**

**Tau 6 Isoforms**

- No 18217 Tau/Reprp Domain (2011)
- PGGCYPYKXYVP
- No 18218 Tau/Amino Junction (NAD)
- DTGDEGLXEREG
- No 18235 Tau/12 Junction (181)
- KSTPFAARAGG
- No 18214 Tau Ab
- 555B27.1

**Other Products**

- Fibulin-5 / DANCE
- #2713 h, Fibulin-5 / DANCE
- Galactin-3
- #27735 h, Galactin-3
- LRG
- #27755 m, LRG
- #27780 n, LRG (On Request)

**Best Selling**

α (Alpha) - Klotho

#27998 h, soluble α-Klotho

#27601 m, soluble α-Klotho