Datasheet for ABIN783951

**anti-CCT8 antibody (AA 111-327)**

### Overview

<table>
<thead>
<tr>
<th>Quantity</th>
<th>0.1 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>CCT8</td>
</tr>
<tr>
<td>Binding Specificity</td>
<td>AA 111-327</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Human, Mouse, Rat, Cow, Chicken, Xenopus laevis</td>
</tr>
<tr>
<td>Host</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Conjugate</td>
<td>This CCT8 antibody is un-conjugated</td>
</tr>
<tr>
<td>Application</td>
<td>Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))</td>
</tr>
</tbody>
</table>

### Product Details

**Immunogen:** Recombinant protein fragment contain a sequence corresponding to a region within amino acids 111 and 327 of TCP1 theta

**Isotype:** IgG

**Specificity:** Recognizes TCP1 theta.

**Cellular Localization:** Cytoplasm.

**Cross-Reactivity (Details):**
- Species reactivity (expected): Chicken (91 %), Rat (95 %), Xenopus laevis (88 %), Zebrafish (83 %) and Cow (97 %).
- Species reactivity (tested): Human, Mouse.

**Purification:** Antigen-Affinity Chromatography
### Target Details

<table>
<thead>
<tr>
<th>Target:</th>
<th>CCT8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative Name:</td>
<td>CCT8 / TCP1 theta (CCT8 Products)</td>
</tr>
</tbody>
</table>

**Background:** The intact CCT complex is composed of eight polypeptides in a double-ring structure. CCT is important within cells in aiding the folding of proteins including actin, tubulin and the VHL tumour suppressor protein. Synonyms: CCT theta, CCTQ, KIAA0002, NY-REN-15, Renal carcinoma antigen NY-REN-15, T-complex protein 1 subunit theta

| Gene ID:          | 10694, 9606       |

### Application Details

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

**Restrictions:** For Research Use only

### Handling

**Format:** Liquid

**Concentration:** 1.0 mg/mL

**Buffer:** 1xPBS containing 1 % BSA, 20 % Glycerol (pH 7) and 0.01 % Thimerosal as a preservative

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** -20 °C

**Storage Comment:** Store the antibody undiluted (in aliquots) at -20 °C.
**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** TCP1 theta Antibody staining of paraffin-embedded OVCAR3 xenograft at 1/500 dilution.

**Western Blotting**

**Image 2.** TCP1 theta Antibody staining of A431 (A), H1299 (B), HeLa (C) whole cell lysates (30 µg) at 1/1000 dilution, 7.5% SDS PAGE.

**Western Blotting**

**Image 3.** TCP1 theta Antibody staining of Mouse brain (A) whole cell lysates (50 µg) at 1/5000 dilution, 7.5% SDS PAGE.