Product Datasheet

CEP290 Antibody
NB100-86991

Unit Size: 100 ul
Store at 4C. Do not freeze.

Publications: 8
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Updated 8/7/2018 v.20.1

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# CEP290 Antibody

## Product Information

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<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>100 ul</td>
</tr>
<tr>
<td>Concentration</td>
<td>1.0 mg/ml</td>
</tr>
<tr>
<td>Storage</td>
<td>Store at 4C. Do not freeze.</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Preservative</td>
<td>0.09% Sodium Azide</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG</td>
</tr>
<tr>
<td>Purity</td>
<td>Immunogen affinity purified</td>
</tr>
<tr>
<td>Buffer</td>
<td>Tris-Citrate/Phosphate (pH 7.0 - 8.0)</td>
</tr>
<tr>
<td>Target Molecular Weight</td>
<td>290 kDa</td>
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</tbody>
</table>

## Product Description

- **Host**: Rabbit
- **Gene ID**: 80184
- **Gene Symbol**: CEP290
- **Species**: Human, Mouse
- **Immunogen**: The immunogen recognized by this antibody maps to a region between residue 2429 and 2479 of human centrosomal protein 290kDa using the numbering given in entry NP_079390.3 (GeneID 80184).

## Product Application Details

- **Applications**: Western Blot, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
- **Recommended Dilutions**: Western Blot 1:2000-1:10000, Immunocytochemistry/Immunofluorescence 1:250-1:1000, Immunoprecipitation 2-5 ug/mg lysate
- **Application Notes**: Immunocytochemistry/Immunofluorescence (PMID: 21524666). Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE gel and ReliaBLOT(R) Reagents
Western Blot: CEP290 Antibody [NB100-86991] - Whole cell lysate from HeLa (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 mcg) cells. NB100-86991 used for WB at 0.1 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 3 mcg/mg lysate.

Immunocytochemistry/Immunofluorescence: CEP290 Antibody [NB100-86991] - NBF-fixed asynchronous HeLa cells. Antibody used at a dilution of 1:500.

Western Blot: CEP290 Antibody [NB100-86991] - Species: Mouse, Cell line: Brain homogenate, Primary antibody dilution: 1:400. Band detected at 300KDa. This image has been provided by Manfred W. Kilimann, MD, PhD, Professor in Molecular Cell Biology, Uppsala University.

Immunocytochemistry/Immunofluorescence: CEP290 Antibody [NB100-86991] - NBF-fixed asynchronous HeLa cells. Permeabilization with Triton-X 100 is recommended. Acetone fixation is not recommended.
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Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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