**Product datasheet**

**Anti-z DNA antibody ab2079**

### Overview

**Product name** | Anti-z DNA antibody  
**Description** | Sheep polyclonal to z DNA  
**Host species** | Sheep  
**Tested applications** | Suitable for: IP, In situ hybridization  
**Species reactivity** | Reacts with: Species independent  
**Immunogen** | Z-DNA

### Properties

**Form** | Liquid  
**Storage instructions** | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  
**Storage buffer** | pH: 7.50  
| Constituent: PBS  
**Purity** | Protein G purified  
**Clonality** | Polyclonal  
**Isotype** | IgG

### Applications

Our Abpromise guarantee covers the use of ab2079 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>IP</td>
<td></td>
<td>Use at an assay dependent dilution.</td>
</tr>
<tr>
<td>In situ hybridization</td>
<td></td>
<td>Use at an assay dependent dilution. See below; Cerna, A. et al, European journal of Histochemistry.</td>
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</tbody>
</table>

### Target
Relevance

Z-DNA is one of the many possible double helical structures of DNA. It is a left-handed double helical structure in which the double helix winds to the left in a zig-zag pattern (instead of to the right, like the more common B-DNA form). Z-DNA is thought to be one of three biologically active double helical structures along with A- and B-DNA.

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