# Product datasheet

## Anti-GnRHR antibody ab183079

- **Product name**: Anti-GnRHR antibody
- **Description**: Rabbit polyclonal to GnRHR
- **Host species**: Rabbit
- **Tested applications**: Suitable for: WB, IHC-P
- **Species reactivity**: Reacts with: Mouse, Human  
  Predicted to work with: Dog
- **Immunogen**: Synthetic peptide within Human GnRHR aa 62-75. The exact sequence is proprietary.  
  NP_000397.  
  Sequence: KWTQKKEGKKLSR  
  Database link: P30968
- **Positive control**: 231 cell lysate, mouse testis tissue lysate and Human esophagus cancer tissue.

### Properties

- **Form**: Liquid
- **Storage buffer**:  
  pH: 7.30  
  Preservative: 0.05% Sodium azide  
  Constituents: 49% PBS, 50% Glycerol  
  PBS without Mg\(^{2+}\) and Ca\(^{2+}\)
- **Purity**: Immunogen affinity purified
- **Clonality**: Polyclonal
- **Isotype**: IgG

### Applications
Our Abpromise guarantee covers the use of ab183079 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>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td></td>
<td>1/117 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
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</tbody>
</table>

**Target**

**Images**

**All lanes:** Anti-GnRHR antibody (ab183079) at 1/2350 dilution

Lane 1: 231 cell lysate

Lane 2: mouse testis tissue lysate

Lysates/proteins at 40 µg per lane.

**Secondary**

**All lanes:** Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Developed using the ECL technique.

**Predicted band size:** 38 kDa

**Exposure time:** 25 seconds

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue labeling GnRHR with ab183079 at 1/117 dilution. The right image is treated with the immunizing peptide.

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