**PRODUCT NAME**
dPaf1 polyclonal antibody

**Cat. No.** pAb-016-050  |  **Type:** Polyclonal  |  **Size:** 50 μg/ 25 μl
**Lot #:** 001  |  **Source:** Rabbit  |  **Concentration:** 2.0 μg/μl

**Description:** Polyclonal antibody raised in rabbit against drosophila Paf1 (drosophila Paf1, RNA polymerase II associated factor, homolog), using the full length recombinant protein.

**Specificity:** Drosophila and human: positive
Other species: not tested

<table>
<thead>
<tr>
<th>Applications</th>
<th>Suggested dilution</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western blotting</td>
<td>1:1,000</td>
<td>Fig 1</td>
</tr>
<tr>
<td>Immunofluorescence</td>
<td>1:10 - 1:50</td>
<td>Ref 1</td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td>1 - 5 μg/IP</td>
<td>Ref 1</td>
</tr>
</tbody>
</table>

**Purity:** Protein G purified polyclonal antibody in PBS containing 0.05% azide and 0.05% ProClin 300.

**Storage:** Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.

**Precautions:** This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**This antibody has been described in:**

**Last data sheet update:** March 2, 2010

**Target description**
PAF is a five-subunit protein complex composed of Paf1, Cdc73, Leo1, Rtf1 and Ctr9, which was first purified from yeast. The yeast PAF (yPAF) complex interacts with RNA polymerase II and coordinates the setting of histone marks associated with active transcription. The human PAF (hPAF) complex shares four subunits with yPAF (hCtr9, hPaf1, hLeo1 and Cdc73), but contains an additional higher eukaryotic-specific subunit, hSki8. In addition to coordinating events during transcription (initiation, promoter clearance and elongation); PAF also coordinates events in RNA quality control.
Figure 1

Western blot analysis using the Diagenode antibody directed against dPaf1

Whole cell extracts (WCE) from Drosophila larva and drosophila adult and nuclear extracts (NE) from HeLa cells were analysed by Western blot using the Diagenode antibody against dPaf1 (Cat. No. pAb-016-050), diluted 1:1000. On the left side, a molecular weight marker is shown.