Datasheet for ABIN7258154

**anti-EDG4 antibody**

### Overview

<table>
<thead>
<tr>
<th>Quantity</th>
<th>200 μL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>EDG4 (LPAR2)</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Human</td>
</tr>
<tr>
<td>Host</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Conjugate</td>
<td>This EDG4 antibody is un-conjugated</td>
</tr>
<tr>
<td>Application</td>
<td>Western Blotting (WB)</td>
</tr>
</tbody>
</table>

### Product Details

<table>
<thead>
<tr>
<th>Immunogen</th>
<th>A synthetic peptide of human LPAR2 (NP_004711.2).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isotype</td>
<td>IgG</td>
</tr>
<tr>
<td>Characteristics</td>
<td>Polyclonal Antibody</td>
</tr>
<tr>
<td>Purification</td>
<td>Affinity purification</td>
</tr>
</tbody>
</table>

### Target Details

<table>
<thead>
<tr>
<th>Target</th>
<th>EDG4 (LPAR2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative Name</td>
<td>LPAR2 (LPAR2 Products)</td>
</tr>
</tbody>
</table>

**Background:**
This gene encodes a member of family I of the G protein-coupled receptors, as well as the EDG family of proteins. This protein functions as a lysophosphatidic acid (LPA) receptor and contributes to Ca2+ mobilization, a critical cellular response to LPA in cells, through association with Gi and Gq proteins. An alternative splice variant has been described but its full length...
Target Details

sequence has not been determined.

Molecular Weight:
- Observed_MW: 38 kDa
- Calculated_MW: 39 kDa

Gene ID:
- 9170

UniProt:
- Q9HBW0

Application Details

Application Notes:
- WB 1:500-1:2000

Restrictions:
- For Research Use only

Handling

Format:
- Liquid

Concentration:
- 1 mg/mL

Buffer:
- PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative:
- Sodium azide

Precaution of Use:
- This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:
- -20 °C

Storage Comment:
- Store at -20°C. Avoid freeze / thaw cycles.

Images

**Western Blotting**

*Image 1.* Western blot analysis of extracts of HL-60 cells using LPAR2 Polyclonal Antibody at dilution of 1:1000.