**MKL1**

**Polyclonal ANTIBODY**

Catalog Number: 21166-1-AP

**Basic Information**

- **Catalog Number:** 21166-1-AP
- **Size:** 84 μg/150 μl
- **Source:** Rabbit
- **Isotype:** IgG
- **Purification Method:** Antigen affinity purification
- **Immunogen Catalog Number:** AG15240
- **GenBank Accession Number:** BC115039
- **GeneID (NCBI):** 57591
- **Full Name:** megakaryoblastic leukemia (translocation) 1
- **Calculated MW:** 931aa, 99 kDa
- **Observed MW:** 145 kDa

**Recommended Dilutions:**

- **WB:** 1:1000-1:6000
- **IHC:** 1:20-1:200
- **IF:** 1:20-1:200

**Applications**

- **Tested Applications:** IF, IHC, WB, ELISA
- **Cited Applications:** ChIP, IF, WB
- **Species Specificity:** human
- **Cited Species:** human, mouse, rat

**Background Information**

**Recommended Dilutions:**

- **WB:** 1:1000-1:6000
- **IHC:** 1:20-1:200
- **IF:** 1:20-1:200

**Positive Controls:**

- **WB:** HepG2 cells, HeLa cells
- **IHC:** human tonsillitis tissue, human small intestine tissue
- **IF:** HeLa cells

**Notable Publications**

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>He, Hongpeng</td>
<td>26476216</td>
<td>Biochem Biophys Res Commun</td>
<td>WB, ChIP</td>
</tr>
<tr>
<td>Meng, Chao</td>
<td>26877281</td>
<td>Biomed Pharmacother</td>
<td>WB, ChIP</td>
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<tr>
<td>Shu, Xiang-Zhu</td>
<td>25746290</td>
<td>Gene</td>
<td>WB</td>
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</tbody>
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**Storage**

- **Store at:** -20°C. Stable for one year after shipment.
- **Storage Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
- **Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product, please contact:

- E: proteintech@ptglab.com
- W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
HepG2 cells were subjected to SDS PAGE followed by western blot with 21166-1-AP/MKL1 (antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using 21166-1-AP (MKL1 Antibody) at dilution of 1:50 (under 40x lens).

Immunohistochemistry of paraffin-embedded human small intestine tissue slide using 21166-1-AP (MKL1 Antibody) at dilution of 1:50 (under 40x lens).

Immunofluorescent analysis of HeLa cells using 21166-1-AP (MKL1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L)