KIF26B Polyclonal antibody

Catalog Number: 17422-1-AP

Basic Information

- **Catalog Number:** 17422-1-AP
- **Size:** 150μl, Concentration: 650 μg/ml by Nanodrop and 360 μg/ml by Bradford method using BSA as the standard
- **Source:** Rabbit
- **Isotype:** IgG
- **Immunogen Catalog Number:** AG11446
- **GenBank Accession Number:** BCO42481
- **GeneID (NCBI):** 55083
- **Full Name:** kinesin family member 26B
- **Calculated MW:** 2108aa, 224 kDa; 162aa, 17 kDa
- **Observed MW:** 224-230 kDa, 17-22 kDa
- **Purification Method:** Antigen affinity purification
- **Recommended Dilutions:**
  - Western Blot (WB): 1:200-1:1000
  - Immunohistochemistry (IHC): 1:20-1:200

Applications

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

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Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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Background Information

KIF26B is a member of kinesin-11 family and plays an important role in embryogenesis. It is a downstream target of Sall1 and is essential for kidney development. KIF26B is also involved in tumorigenesis.

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Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yan Teng</td>
<td>30248545</td>
<td>Biomed Pharmacother</td>
<td>WB, IHC</td>
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<tr>
<td>Su Xia Wang</td>
<td>34817735</td>
<td>Med Oncol</td>
<td>WB, IHC</td>
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<tr>
<td>Mingming Yan</td>
<td>34787331</td>
<td>J Bone Miner Res</td>
<td>WB, IHC</td>
</tr>
</tbody>
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Storage

- **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

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
MDCK cells were subjected to SDS-PAGE followed by western blot with 17422-1-AP (KIF26B antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human kidney using 17422-1-AP (KIF26B antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human kidney using 17422-1-AP (KIF26B antibody) at dilution of 1:50 (under 40x lens).