**ZNF23 Polyclonal ANTIBODY**

**Catalog Number:** 21322-1-AP

**Basic Information**
- **Catalog Number:** 21322-1-AP
- **Size:** 48 μg/150 μl
- **Source:** Rabbit
- **Isotype:** IgG
- **Purification Method:** Antigen affinity purification
- **Immunogen Catalog Number:** AG14755
- **GenBank Accession Number:** BC007256
- **GeneID (NCBI):** 7571
- **Full Name:** zinc finger protein 23 (KOX 16)
- **Calculated MW:** 643aa, 73 kDa
- **Observed MW:** 73 kDa

**Recommended Dilutions:**
- **WB:** 1:500-1:2000
- **IP:** 0.5-4.0 μg for IP and 1:1000 for WB
- **IF:** 1:20-1:200

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

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

**Positive Controls:**
- **WB:** HepG2 cells, A2780 cells, HeLa cells, mouse brain tissue, mouse lung tissue, mouse spleen tissue, SKOV-3 cells
- **IP:** mouse brain tissue
- **IF:** HepG2 cells

**Background Information**

**Storage**
- **Storage:** Store at -20°C. Stable for one year after shipment.
- **Storage Buffer:** PBS with 0.05% sodium azide and 50% glycerol pH 7.3.
- **Aliquoting is unnecessary for -20°C storage**

**Notable Publications**

<table>
<thead>
<tr>
<th>Author</th>
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<tr>
<td>Xin Zhang</td>
<td>28948158</td>
<td>Cell Physiol Biochem</td>
<td>WB, IHC</td>
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**For technical support and original validation data for this product please contact:**
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- **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 21322-1-AP/ZNF23 antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunofluorescent analysis of HepG2 cells, using ZNF23 antibody 21322-1-AP at 1:100 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).

IP Result of anti-ZNF23 (IP:21322-1-AP, 4ug; Detection:21322-1-AP 1:800) with mouse brain tissue lysate 4000ug.