**Basic Information**

- **Catalog Number:** 10624-2-AP
- **Size:** 54 μg/150 μl
- **Source:** Rabbit
- **Isotype:** IgG
- **Purification Method:** Antigen affinity purification

**Immunogen Catalog Number:** A00975

**GenBank Accession Number:** BC007909

**GeneID (NCBI):** 2194

**Calculated MW:** 272 kDa

**Observed MW:** 250-272 kDa

**Recommended Dilutions:**
- **WB:** 1:200-1:1000
- **IP:** 0.5-4.0 μg for IP and 1:500-1:1000 for WB
- **IF:** 1:10-1:100

**Applications**

- **Tested Applications:** FC, IF, IP, WB, ELISA
- **Cited Applications:** IHC, WB

**Species Specificity:** human, mouse, rat

**Cited Species:** human, mouse, pig, rat

**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:** rat liver tissue; HepG2 cells, HeLa cells, mouse liver tissue, L02 cells
- **IP:** mouse liver tissue
- **IF:** HeLa cells; HepG2 cells

**Background Information**

**Notable Publications**

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jia-Shun Wu</td>
<td>30233549</td>
<td>Front Microbiol</td>
<td>IHC</td>
</tr>
<tr>
<td>Siyu Chen</td>
<td>26084766</td>
<td>FASEB J</td>
<td>WB</td>
</tr>
<tr>
<td>Qiang Meng</td>
<td>27773095</td>
<td>Acta Pharmacol Sin</td>
<td>WB</td>
</tr>
</tbody>
</table>

**Storage**

- **Storage:** Store at -20ºC. Stable for one year after shipment.
- **Storage Buffer:** PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
- **Aliquoting is unnecessary for -20ºC storage**
Immunofluorescent analysis of HeLa cells, using FASN antibody 10624-2-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).

Rat liver tissue were subjected to SDS PAGE followed by western blot with 10624-2-AP FASN Antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.


1X10^6 HeLa cells were stained with 0.2ug FASN antibody (10624-2-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.