SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

# Rabbit Anti-FABP12/AF350 Conjugated antibody

SL13064R-AF350

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| **Product Name** | Anti-FABP12/AF350 |
| **Chinese Name** | AF350 标记的脂肪酸 Binding protein12 抗体 |
| **Alias** | FABP12; Fatty acid binding protein ORF; Fatty acid-binding protein 12; FBP12_HUMAN; Intracellular fatty acid binding protein FABP12; Probable fatty acid binding protein ENSP00000353650. |
| **Research Area** | Cell biology Signal transduction Binding protein The new supersedes the old Transmembrane protein |
| **Immunogen Species** | Rabbit |
| **Clonality** | Polyclonal |
| **React Species** | Human,Mouse(predicted:Rat,Dog,Cow,Horse,Sheep) |
| **Applications** | IF=1:100-500<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Molecular weight** | 16kDa |
| **Form** | Lyophilized or Liquid |
| **Concentration** | 1mg/ml |
| **immunogen** | KLH conjugated synthetic peptide derived from human FABP12 |
| **Lsotype** | IgG |
| **Purification** | affinity purified by Protein A |
| **Storage Buffer** | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| **Product Detail** | **background:**<br>Fatty acid-binding proteins, designated FABPs, are a family of homologous cytoplasmic proteins that are expressed in a highly tissue-specific manner and play an integral role in the balance between lipid and carbohydrate |

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metabolism. FABPs mediate fatty acid (FA) and/or hydrophobic ligand uptake, transport and targeting within their respective tissues. The mechanisms underlying these actions can give rise to both passive diffusional uptake and protein-mediated transmembrane transport of FAs. FABP12 (fatty acid-binding protein 12) is a 132 amino acid protein that belongs to the calycin superfamily and fatty-acid binding protein family. Highly expressed in adult retina and testis, FABP12 may function in lipid transport. The gene encoding FABP12 maps to mouse chromosome 3 A1.

**Function:**
May play a role in lipid transport.

**Tissue Specificity:**
Expressed in a number of retinoblastoma cell lines.

**Similarity:**
Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

**Database links:**
UniProtKB/Swiss-Prot: A6NFH5.2

**Important Note:**
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.