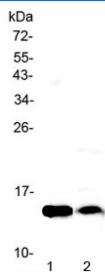


## Fabp4 Antibody (R32902)

Catalog No.	Formulation	Size
R32902	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	P70623
<b>Applications</b>	Western Blot : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Fabp4 antibody is available for research use only.



Fabp4 Antibody Rodent Heart WB. Western blot testing of 1) rat heart and 2) mouse heart lysate with Fabp4 antibody at 0.5ug/ml. Predicted molecular weight ~15 kDa.

## Description

Fatty acid binding proteins (FABPs) are small cytoplasmic proteins that are expressed in a highly tissue-specific manner and bind to fatty acids such as oleic and retinoic acid. Adipocyte fatty-acid-binding protein, aP2 (FABP4) is expressed in adipocytes and macrophages, and integrates inflammatory and metabolic responses. Studies in aP2-deficient mice have shown that this lipid chaperone has a significant role in several aspects of metabolic syndrome, including type 2 diabetes and atherosclerosis. It regulates allergic airway inflammation and may provide a link between fatty acid metabolism and asthma.

Additional studies involving adipocyte biology, lipid transport signaling, and metabolic-inflammatory pathway regulation may benefit from our [FABP4 antibody](#) page featuring clone FABP4/4424 with HuProt protein microarray specificity validation.

## Application Notes

Optimal dilution of the Fabp4 antibody should be determined by the researcher.

## Immunogen

A recombinant rat protein corresponding to amino acids C2-A132 was used as the immunogen for the Fabp4 antibody.

## Storage

After reconstitution, the Fabp4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.