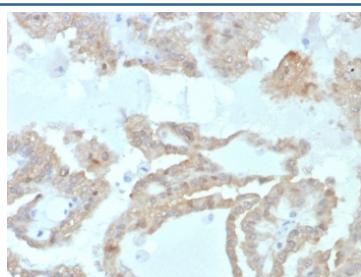


## Fatty Acid Binding Protein 2 Antibody / FABP2 [clone FABP2/7669] (V5058)

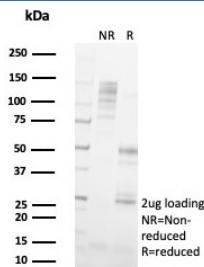
Catalog No.	Formulation	Size
V5058-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5058-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5058SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG
<b>Clone Name</b>	FABP2/7669
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P12104
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This Fatty Acid Binding Protein 2 antibody is available for research use only.



IHC staining of FFPE human renal cell carcinoma tissue with FABP2 antibody (clone FABP2/7669). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free FABP2 antibody (clone FABP2/7669) as confirmation of integrity and purity.

## Description

The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identified members. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Intestinal fatty acid-binding protein 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. This gene has a polymorphism at codon 54 that identified an alanine-encoding allele and a threonine-encoding allele. Thr-54 protein is associated with increased fat oxidation and insulin resistance.

## Application Notes

Optimal dilution of the Fatty Acid Binding Protein 2 antibody should be determined by the researcher.

## Immunogen

Recombinant full length human FABP2 protein was used as the immunogen for the Fatty Acid Binding Protein 2 antibody.

## Storage

Aliquot the Fatty Acid Binding Protein 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.