FABP3 Monoclonal Antibody

Catalog No: #42038

Description

Product Name	FABP3 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	protein G purifed
Applications	WB IHC
Species Reactivity	Hu
Specificity	specific for Human Fatty acid-binding protein denatured and nature forms
Immunogen Type	protein
Immunogen Description	Recombinant Human Fatty acid-binding protein
Target Name	FABP3
Other Names	FABP3??Fatty acid-binding protein 3??Heart-type fatty acid-binding protein??H-FABP??Mammary-derived growth inhibitor??MDGI, Muscle fatty acid-binding protein??M-FABP
Accession No.	Swiss-Prot#: P05413
Uniprot	P05413
GeneID	2170;
Calculated MW	15kd
Concentration	1.0mg/mL
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

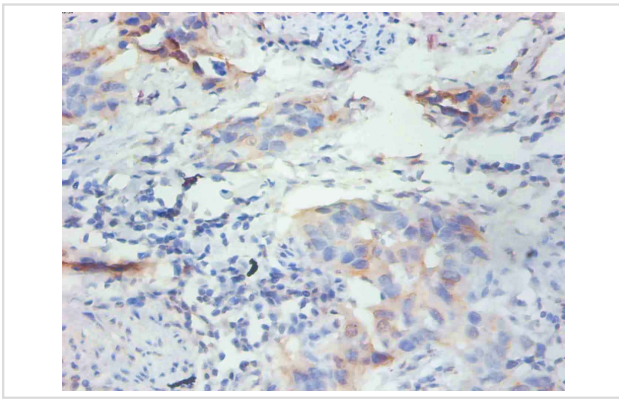## Application Details

Western blotting: 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images
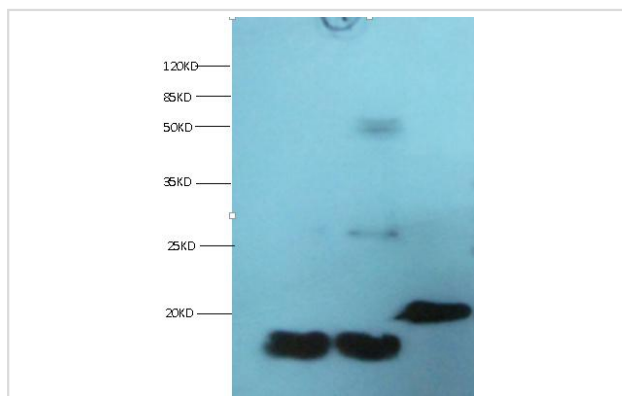
All lanes : Mouse anti- Human Fatty acid-binding protein monoclonal antibody at 1ug/ml
Line 1:mouse heart muscle lysate
Line2:rat heart muscle lysate
Line3:FABP3 transfected SF9 cell lysate
Predicted band size : 15kd
Observed band size : 15kd

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using #42038 at dilution of 1:200.
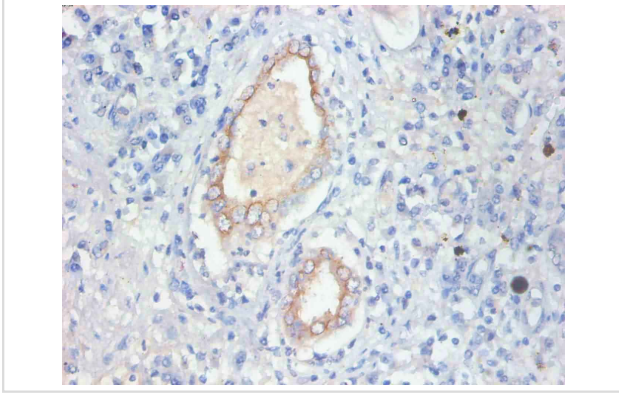
Immunohistochemical analysis of paraffin-embedded human kidney tissue using #42038 at dilution of 1:200.

Background

FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.

References

[1] Manabe K, Kamihata H, Motohiro M, Senoo T, Yoshida S, Iwasaka T.Urinary liver-type fatty acid-binding protein level as a predictive biomarker of contrast-induced acute kidney injury. Eur J Clin Invest. 2011 Oct 17. doi: 10.1111/j.1365-2362.2011.02620.

Note: This product is for in vitro research use only