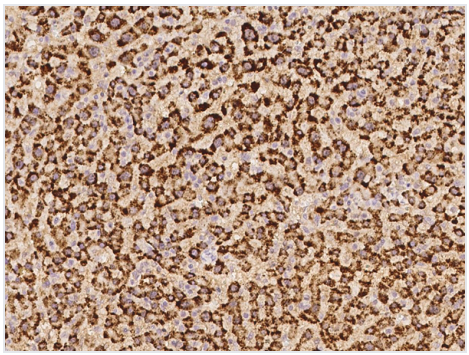
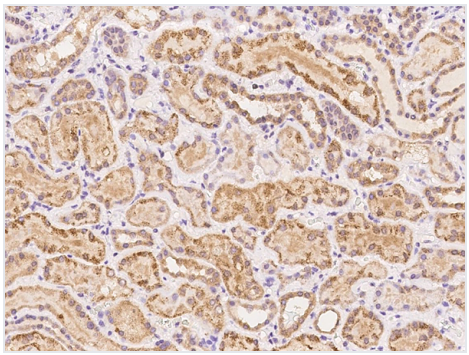
FABP12 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FABP12, Polyclonal Antibody
Full Product Name	Anti-FABP12 Antibody, Rabbit Polyclonal
Product Gene Name	anti-FABP12 antibody
Product Synonym Names	FABP12 Antibody, Rabbit PAb, Antigen Affinity Purified
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human FABP12
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Immunogen	E Coli-derived Human FABP12 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human FABP12 fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-FABP12 antibody	Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-FABP12 antibody	IHC-P: 1:50-1:200
Related Product Information for anti-FABP12 antibody	FABP12, a member of the fatty acid binding protein (FABP) gene family, has the same structure as other FABP genes and resides in a cluster with FABP4/5/8/9 within 300, 000 bp chromosomal region. FABP12 orthologs are found in mammals, but not in the zebrafish or chicken genomes. FABP12 is expressed in rodent retina and testis, as well as in human retinoblastoma cell lines. FABP12 mRNA is expressed in ganglion and inner nuclear layer cells. FABP12 arose as the result of tandem gene duplication, a mechanism that may have been instrumental to the expansion of the FABP family. FABP12 is preferentially amplified and/or overexpressed in metastatic compared to primary tumors from both PCa patients and xenograft animal models.
Product References and Citations for anti-FABP12 antibody	Liu RZ, et al. (2020) The fabp12/ppargamma pathway promotes metastatic transformation by inducing epithelial-to-mesenchymal transition and lipid-derived energy production in prostate cancer cells. Mol Oncol 14 (12): 3100-3120.Liu RZ, et al. (2008) A novel fatty acid-binding protein (fabp) gene resulting from tandem gene duplication in mammals: Transcription in rat retina and testis. Genomics 92 (6): 436-445.
Other Notes	Small volumes of anti-FABP12 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FABP12 purchase	MBS8109905 is an antibody targeting FABP12. Also known as Anti-FABP12 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-FABP12 antibody
Immunochemical staining of human FABP12 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC) of anti-FABP12 antibody
Immunochemical staining of human FABP12 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FABP12. It may not necessarily be applicable to this product.

Protein Family	Fatty acid-binding protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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