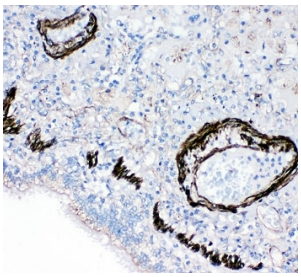
FABP6 Antibody (N-Terminal Region) (R31278)

Catalog No.	Formulation	Size
R31278	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P51161
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This FABP6 antibody is available for research use only.



IHC-P: FABP6 antibody testing of human lung cancer tissue

Western blot testing of 1) human COLO320 and 2) human SW620 cell lysate with FABP6 antibody at 0.5ug/ml. Expected molecular weight: ~15 kDa (isoform 1) and ~20 kDa (isoform 2).

Description

Fatty acid binding protein 6, also called ILBP, is a protein which in humans is encoded by the FABP6 gene. It is a member of a family of intracellular fatty acid, retinoid, and bile acid-binding proteins. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is though that FABPs roles include fatty acid uptake, transport, and metabolism.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the FABP6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human Fatty acid binding protein 6 (YDEFMKLLGISSDVIEKAR) was used as the immunogen for this FABP6 antibody.

Storage

After reconstitution, the FABP6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.