

Anti-FABP4 Antibody (7V833)

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat,Human
Molecular Weight:	Theoretical: 14 kDa. Actual: 15 kDa.
Clone:	7V833
Purification:	Protein A purified

Applications

Verified Activity:	<ol style="list-style-type: none">1. Paraformaldehyde-fixed, paraffin embedded Mouse Fat; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FABP4 Monoclonal Antibody, Unconjugated (TMAB-05781) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.2. Paraformaldehyde-fixed, paraffin embedded Rat Fat; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FABP4 Monoclonal Antibody, Unconjugated (TMAB-05781) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.3. Paraformaldehyde-fixed, paraffin embedded Mouse Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FABP4 Monoclonal Antibody, Unconjugated (TMAB-05781) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.4. Paraformaldehyde-fixed, paraffin embedded Human Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FABP4 Monoclonal Antibody, Unconjugated (TMAB-05781) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.5. 25 µg total protein per lane of various lysates (see on figure) probed with FABP4 monoclonal antibody, unconjugated (TMAB-05781) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human FABP4
Antigen Species: Human
Gene ID: 2167
Uniprot ID: P15090

Research Background

FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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