

HRP Conjugated Anti-Human FABP4 Antibody [PSH25-38] - Detector HA725473H



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human
Applications:	ELISA(Det), ELISA
Clone number:	PSH25-38

Description: Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus. 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.

Conjugate: HRP-conjugated

Immunogen: Recombinant protein within Human FABP4 aa 1-132 (HA211489).

Positive control: Recombinant Human FABP4 protein (HA211489).

Subcellular location: Cytoplasm. Nucleus.

Database links: SwissProt: P15090 Human

Recommended Dilutions:

ELISA(Det) Use at an assay dependent concentration. Can be paired for Sandwich ELISA with Rabbit monoclonal [PSH25-37] to Human FABP4 (Capture) (HA725472) and Recombinant Human FABP4 protein (HA211489) as the standard. The reference range value is 1.95-500 pg/mL.
ELISA Use at an assay dependent concentration.

Storage Buffer: 1*PBS (pH7.4), 0.1% BSA, 40% Glycerol, 0.2% Proclean 950.

Storage Instruction: Shipped at 4℃. Store at +4℃ short term (1-2 weeks). Store at -20℃ long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

No Images

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Ohguro H., Watanabe M., Hikage F., Sato T., Nishikiori N., Umetsu A., Higashide M., Ogawa T., Furuhashi M. Fatty Acid-Binding Protein 4-Mediated Regulation Is Pivotaly Involved in Retinal Pathophysiology: A Review. *Int J Mol Sci* 25:7717-7717 (2024).
2. Xu S., Luo J., Wang Y., Chen X. Fatty Acid Binding Protein-4 Silencing Inhibits Ferroptosis to Alleviate Lipopolysaccharide-induced Injury of Renal Tubular Epithelial Cells by Blocking Janus Kinase 2/Signal Transducer and Activator of Transcription 3 Signaling. *J Physiol Investig* 67:47-56 (2024).

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